

A Complete Bibliography of Publications in *The Journal of Supercomputing*: 2025–2029

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

29 March 2025
Version 1.02

Title word cross-reference

$(K_{11} - C_{11})^n$ [218]. (n, k) [562]. 2 [519]. C [448]. γ [250]. H [216]. K [23, 65, 79, 274, 466, 532]. p [53, 197]. q [103]. r, s, t [173]. Z [230]. -Block [230]. -dominant [216]. -factor-critical [466]. -graphyne [250]. -means [65, 274, 448, 532]. -nearest [23, 79]. -rung [103]. -sequence [197]. -spherical [173]. -star [562]. -type [53]. 1 [201]. 1-Extra [164]. 19 [113]. 2-connected [511]. 2-disjoint [273]. 2-tuple [103]. 2.0 [405]. 23 [405]. 2D [203].	3-component [164]. 3-path-connectivity [245]. 3000 [38]. 3D [19, 39, 276, 459, 465, 476, 497]. 4 [464]. 4-D [464]. 4D [482]. 512 [362]. 5G [72, 335]. 6G [567]. accelerated [463]. Accelerating [322, 356]. Acceleration [264, 371]. accelerator [190]. accelerators [23, 548]. access [44, 91, 213, 233, 403, 445, 549]. access-control [91]. accident [558]. AccPRET [548]. accuracy [408]. accurate [354, 380, 558]. achieve [553]. ACO [257]. across [249]. action [10, 12, 37, 318, 417]. activity [349]. actor [357]. actor-critic
---	---

[357]. **adaptation** [383, 510]. **adapting** [137]. **Adaptive** [66, 80, 92, 98, 112, 139, 212, 302, 343, 399, 468, 491, 511, 526, 530]. **adder** [492]. **additive** [563]. **ADH** [515]. **ADH-YOLO** [515]. **adjusted** [513]. **ADOX** [212]. **ADOX-SSA** [212]. **ADV** [34]. **ADV-YOLO** [34]. **advanced** [559]. **Advancements** [369]. **advancing** [19, 418]. **adversarial** [168, 239, 289, 349]. **AE** [338]. **AE-UNet** [338]. **Aerial** [95, 105, 302, 423, 502]. **affine** [510]. **against** [530]. **agent** [150, 279, 388]. **aggregation** [43, 63, 269, 318]. **aggregations** [294]. **agreement** [9, 149]. **agriculture** [280]. **AI** [272, 280, 347, 356, 390, 450, 551, 565]. **AI-based** [280]. **AI-driven** [272, 390]. **AI-powered** [565]. **AIGC** [426]. **AIGC-generated** [426]. **AIoT** [472]. **air** [73, 401]. **airborne** [491]. **aircraft** [344, 563]. **airport** [515]. **AISBench** [450]. **Aitken** [264]. **ALCARO** [337]. **algebra** [334]. **algebra-enhanced** [334]. **Algebraic** [53]. **algorithm** [7, 8, 13, 18, 21, 22, 32, 47, 52, 54, 55, 66, 67, 79, 91, 94, 98, 99, 110, 113, 116, 124, 135, 137, 144, 150, 170, 182, 188, 202, 209, 227, 236, 244, 251, 252, 261, 264, 266, 285, 290, 292, 295, 302, 320, 325, 329, 330, 355, 360, 372, 381, 384, 387, 391, 399, 412, 441–443, 449, 460, 481, 493, 504, 529, 530, 533, 544]. **algorithm-based** [137]. **algorithms** [20, 88, 132, 172, 247, 257, 478, 485]. **alignment** [365, 383]. **allergic** [53]. **allocation** [11, 118, 192, 237, 340, 367, 469, 514]. **ALMASH** [301]. **along** [386]. **altitude** [423]. **Alzheimer** [432]. **AlzONet** [432]. **analysis** [1, 9, 46, 51, 53, 55, 58, 64, 86, 93, 131, 136, 179, 195, 336, 348, 349, 358, 456, 487, 494, 507, 508, 543, 562]. **analytical** [268]. **analytics** [559]. **Android** [501]. **ANFIS** [201]. **angle** [98]. **angle-based** [98]. **annealing** [147]. **Anomalies** [243]. **anomaly** [195, 282, 297, 327, 382, 413, 457, 505]. **anonymity** [301]. **anonymity-based** [301]. **anonymization** [134]. **ant** [47]. **antenna** [325]. **antenna-array** [325]. **Antivirus** [151]. **any** [475]. **AODV** [386]. **AP** [72, 340]. **Apache** [214, 518]. **APPBoost** [530]. **Application** [7, 53, 118, 197, 205, 280, 294]. **applications** [94, 108, 109, 136, 167, 173, 253, 367, 437, 454]. **applied** [159, 431]. **approach** [1, 6, 24, 29, 58, 88, 92, 123, 128, 134, 137, 142, 165, 166, 184, 198, 206, 207, 254, 260, 263, 274, 283, 285, 321, 323, 346, 369, 412, 428, 433, 467, 488, 489, 511, 518, 538, 559]. **approaches** [20, 76, 354]. **approximate** [109, 121, 408]. **approximation** [468]. **Arabic** [187]. **arbitrary** [305]. **arbitration** [483]. **architecture** [172, 252, 271, 337, 351, 366, 548, 567]. **architectures** [322]. **area** [6, 291, 527]. **ARGCN** [86]. **ARIMA** [373]. **arithmetic** [23, 302]. **ARM** [214]. **Arnold** [39]. **arrangement** [218]. **arrangements** [39]. **array** [325]. **artery** [267]. **articles** [388]. **Artificial** [62, 110, 150, 270]. **Aspect** [46, 64, 125, 131, 189, 200, 348, 543]. **Aspect-aware** [64]. **Aspect-based** [64, 131, 348, 543]. **aspect-focused** [348]. **aspect-level** [46, 125, 189, 200]. **Assessing** [180]. **assessment** [73, 205, 285, 445, 471]. **Assignment** [95]. **assist** [419]. **assisted** [8, 149, 165, 231, 315]. **associated** [243]. **association** [335]. **association-based** [335]. **associations** [36, 72]. **assurance** [247]. **asynchronous** [7, 496]. **atomic** [494]. **atomistic** [554]. **Attack** [62, 453, 553]. **attacks** [69, 252, 320, 484, 518]. **attention** [18, 26, 28, 31, 40, 70, 74, 82, 115, 125, 126, 157, 191, 199, 240, 242, 267, 293, 324, 338, 352, 414, 438, 480, 484, 539, 541, 563]. **attention-based** [324]. **attention-enhanced** [125]. **attentional** [86]. **attribute** [44, 167, 181, 430, 540]. **attribute-based** [44, 430]. **attribution** [25]. **Audiovisual** [31]. **auditing** [551]. **augmentation**

[114, 208, 382, 542]. **augmented** [185]. **authenticated** [9, 149]. **authentication** [5, 119, 233, 301]. **authentication-based** [119]. **authorial** [151]. **auto** [228, 353, 480]. **auto-encoder** [353, 480]. **auto-negotiation** [228]. **autoencoder** [5, 16, 62, 118, 231, 234]. **autoencoder-based** [234]. **Automated** [1]. **automatically** [150]. **automaton** [99]. **autonomic** [367]. **autonomous** [386, 387]. **autotuning** [283]. **Availability** [445]. **average** [99]. **average-roulette** [99]. **AVX** [362]. **AVX-512** [362]. **aware** [2, 3, 15, 27, 45, 52, 64, 121, 122, 226, 299, 306, 383, 384, 435, 495]. **awareness** [84, 382].

B5G [550]. **backoff** [213]. **backpropagation** [405]. **backscatter** [369]. **backup** [444]. **backward** [65]. **bag** [285]. **balance** [468]. **Balanced** [60, 273]. **Balancing** [52, 109, 335, 452, 479]. **bald** [251]. **Bandwidth** [175]. **bank** [278]. **barbed** [222]. **base** [27]. **Based** [4, 6, 9, 10, 13, 16, 18, 21, 22, 24, 25, 28, 31, 33, 34, 37, 39, 42, 57, 58, 62, 65, 66, 68, 69, 85, 89, 98, 100, 113, 121, 123, 124, 128, 129, 140, 144, 153, 156, 160, 162, 171, 173, 181, 184, 203, 210, 212, 215, 229, 240, 241, 250, 255, 270, 280, 292, 302, 304, 324, 325, 329, 330, 335, 340, 342, 344, 350, 355, 356, 358, 360, 370, 376, 379, 385, 386, 388, 389, 392, 411, 415, 422, 424, 430, 433, 439, 440, 449, 456, 457, 460, 468, 472, 473, 478, 484, 493, 495, 497, 501, 504, 509, 531, 540, 544, 552, 555, 556]. **based** [5, 8, 12, 14, 35, 40, 44, 47, 49, 54, 64, 67, 76, 79, 96, 97, 110, 111, 119, 126, 130–132, 134, 137, 142, 143, 148, 169, 172, 188, 189, 196, 209, 213, 219, 221, 227, 228, 232, 234, 248, 260, 262, 264, 266, 267, 269, 276, 277, 290, 300, 301, 331, 337, 348, 351, 357, 359, 372, 380, 396, 414, 442, 444, 447, 461, 463, 464, 471, 481, 485, 486, 498, 500, 502, 505, 515, 520, 527, 532, 535, 537, 541, 543, 546, 561, 563, 566]. **bases** [243]. **basis** [152]. **bat** [137]. **Bayesian** [55]. **BDLT** [271]. **BDLT-IoMT** [271]. **beam** [275]. **bearing** [262]. **Beetle** [90, 412]. **behavior** [467, 552]. **behaviour** [284]. **benchmark** [450, 485]. **Bernoulli** [201]. **BERT** [163, 187, 324, 388]. **Beyond** [72, 354]. **BFL** [385]. **BFT** [496]. **bi** [31, 177, 349, 363, 541, 544]. **bi-clique** [363]. **bi-directional** [349]. **bi-layer** [31]. **bi-level** [541]. **bias** [552]. **bidirectional** [117]. **big** [165, 181]. **Bilateral** [136]. **Bilinear** [446]. **BiLSTM** [162, 512]. **binary** [190, 209, 225, 363]. **binary/ternary** [190]. **biomedical** [171]. **biometric** [540]. **bionic** [236]. **bipartite** [48, 363]. **Bipolar** [294]. **bird** [524]. **bit** [183]. **bit-level** [183]. **Bitcoin** [77]. **bits** [210]. **BJA** [471]. **BL** [512]. **blindness** [526]. **block** [77, 160, 224, 230, 431]. **blockage** [523]. **blockchain** [61, 97, 111, 128, 166, 219, 232, 271, 324, 328, 339, 385, 420, 473, 479, 508, 534]. **blockchain-based** [473]. **blockchain-enabled** [479]. **blockchain-federated** [385]. **blood** [419]. **BN** [557]. **body** [106, 349]. **body-worn** [349]. **boosted** [375]. **boosting** [229, 530]. **botnet** [518]. **bound** [102]. **bounds** [547]. **BR** [55]. **brain** [19, 235, 352, 432, 512]. **branch** [127, 519]. **breakpoints** [222]. **broadcast** [247]. **brooms** [53]. **bubble** [164]. **bubble-sort** [164]. **budget** [286]. **budget-feasible** [286]. **built** [109]. **built-in** [109]. **bullying** [284]. **bushing** [372]. **BXIV3** [537]. **BXIV3-based** [537].

C&M [512]. **C2** [337]. **CA** [442]. **cache** [45, 409]. **calculation** [218]. **calculations** [475]. **calculus** [90]. **camera** [25]. **camouflage** [157]. **Canny** [230]. **capabilities** [196]. **Capsule** [86, 433, 499]. **capuchin** [236]. **carbon** [498]. **cardiovascular** [411]. **Carlo** [381]. **carotid** [267]. **Cartesian** [529]. **case** [315, 358, 454, 456, 554]. **cat** [113, 325]. **categories** [213]. **categorization** [342]. **categorization-based** [342]. **category** [382]. **category-guided** [382]. **causal**

[247, 365, 393]. **cause** [195]. **cavity** [392]. **CBM** [155]. **CBR** [77]. **CD** [190]. **CD-MAC** [190]. **CDMANet** [242]. **CDNRocks** [57]. **cell** [419, 469]. **cellular** [99, 329, 340]. **center** [4, 211]. **centers** [184]. **central** [242]. **centric** [166, 549]. **CEPDNet** [100]. **Cerebral** [106]. **CGWRIME** [375]. **chain** [89, 379, 403]. **chain-based** [89]. **chains** [331]. **challenges** [291]. **change** [54]. **changes** [71]. **Channel** [126, 169, 252, 270, 414, 465, 471, 479, 509]. **chaotic** [108, 152, 533]. **chargers** [298]. **charging** [298, 485]. **chatHPC** [194]. **Chebyshev** [179, 252, 531]. **ChebyshevNet** [179]. **check** [296]. **chemical** [359]. **China** [358, 456]. **Chinese** [50, 200]. **Chinese-oriented** [200]. **chlorophyll** [265]. **chlorophyll-a** [265]. **churn** [178]. **CILOS** [103]. **CIMS** [229]. **CIMS-based** [229]. **cipher** [224]. **circuit** [117, 361, 398, 460]. **cities** [97, 412, 518]. **class** [16, 74, 167, 248]. **class-consistent** [167]. **class-imbalanced** [248]. **class-wise** [16]. **classical** [354, 465]. **Classification** [23, 26, 54, 66, 101, 114, 125, 126, 189, 200, 217, 248, 285, 351, 352, 377, 383, 394, 402, 404, 414, 418, 510, 512, 519, 553]. **classifier** [154]. **classify** [538]. **client** [69, 196, 564]. **client-side** [69]. **CLIP** [174]. **CLIP-driven** [174]. **clique** [363]. **clockwork** [421]. **closure** [67]. **Cloud** [4, 12, 65, 89, 127, 128, 135, 141, 165, 176, 181, 237, 295, 368, 394, 430, 433, 472, 479, 484, 551, 556]. **cloud-assisted** [165]. **Cloud-based** [12, 472]. **cloud-edge** [551]. **Cloud-WAVECAP** [433]. **Cluster** [2, 480]. **Cluster-guided** [480]. **Clustering** [2, 65, 98, 135, 143, 150, 171, 193, 209, 274, 386, 397, 448]. **Clustering-based** [143, 171]. **clusters** [104, 436, 470]. **CNN** [5, 24, 100, 144, 162, 412, 463, 472, 512]. **CNN-based** [5, 24, 100]. **CNNs** [60, 408]. **co** [462]. **co-execution** [462]. **coalition** [132]. **Coarse** [490]. **Coarse-to-fine** [490]. **code** [496]. **coding** [85, 210]. **coefficient** [401]. **coevolutionary** [59, 287]. **cognitive** [133, 559]. **cold** [234]. **collaboration** [84, 158, 375, 507]. **Collaborative** [54, 59, 79, 114, 124, 287, 376, 403, 497]. **collection** [123]. **color** [108]. **colored** [247]. **coloring** [316]. **combat** [73, 279]. **Combating** [69]. **combined** [161, 333]. **combining** [94, 258]. **Comment** [149]. **commerce** [229]. **commercialization** [163]. **communication** [11, 283, 340, 369, 541, 550]. **communication-constrained** [11]. **communications** [277]. **community** [182, 216, 460]. **compact** [77]. **compactions** [156]. **compensation** [109]. **competition** [375]. **competition-boosted** [375]. **compiler** [451]. **complete** [180, 341]. **Complex** [36, 159, 182, 411, 513]. **component** [120, 164, 562]. **composite** [338]. **composites** [13]. **compound** [359]. **comprehension** [50]. **comprehensive** [291, 366, 485]. **compressed** [144]. **compression** [96, 399]. **computable** [57]. **computation** [175, 469]. **computational** [152, 487]. **computer** [172]. **computing** [15, 24, 29, 35, 41, 52, 76, 84, 100, 116, 121, 127, 186, 190, 192, 196, 254, 257, 288, 289, 295, 317, 367, 384, 386, 408, 427, 428, 430, 435, 445, 479, 518, 551]. **concave** [327]. **concentrations** [265]. **conception** [170]. **concise** [197]. **Conditional** [14, 238, 521]. **conditioned** [30]. **confluence** [339]. **conjugate** [55]. **connected** [511]. **connection** [250]. **connections** [207]. **connectivity** [72, 164, 180, 245, 536]. **Consensus** [61, 91, 97, 330]. **consistency** [299]. **consistent** [167]. **consolidation** [426]. **consortium** [420]. **constrained** [11, 190, 286]. **constraint** [116, 132]. **constraints** [4, 473]. **Constructing** [259]. **construction** [341]. **constructions** [564]. **consumption** [321, 336, 412, 470]. **container** [15, 260, 461]. **container-based** [461]. **content** [168]. **contention** [213, 483]. **context** [71, 318, 422]. **contextual** [176].

Continuous [5, 396]. **Continuous-time** [396]. **contour** [230]. **contract** [379, 520]. **contraction** [361]. **contracts** [44, 379]. **contrast** [521]. **contrastive** [37, 101, 139, 153, 239, 256]. **contribution** [255]. **contributions** [513]. **control** [44, 91, 185, 204, 403, 431]. **Controllable** [108, 540]. **controller** [444, 527]. **Conv2D** [557]. **Conv2D-ReLU-BN** [557]. **ConvBiFuseNet** [352]. **convective** [525]. **convergence** [148]. **Convergent** [475]. **conversational** [153]. **ConvFormer** [539]. **convolution** [26, 235, 566]. **convolutional** [18, 25, 27, 193, 231, 277, 326, 348, 397, 402, 425, 446, 465, 476, 543]. **cooperation** [439]. **Cooperative** [59, 287]. **coordinate** [191]. **core** [59, 287, 506]. **cores** [248]. **corpora** [187]. **Correction** [287, 390, 391, 413, 414, 428, 456, 494]. **correlated** [505]. **correlation** [355]. **correlation-guided** [355]. **cost** [116, 132, 288]. **cost-effective** [288]. **coverage** [83]. **covers** [48, 273]. **COVID** [113]. **COVID-19** [113]. **CovMedCare** [339]. **CPCS** [439]. **CPU** [59, 287, 437, 462, 483]. **CPU-GPU** [462]. **criteria** [89]. **criterion** [1]. **critic** [357]. **critical** [466]. **criticality** [394]. **CRKG** [258]. **Crns** [174]. **cross** [127, 139, 299, 323, 440, 471, 519]. **cross-aware** [299]. **cross-domain** [139]. **cross-enhancement** [519]. **cross-modal** [127]. **cross-project** [323]. **cross-stage** [440]. **crossroad** [67]. **crowdfunding** [263]. **crowdsensing** [286, 467]. **CRS** [153]. **CT** [338]. **cube** [180, 400, 536]. **cubes** [96, 341]. **cubic** [103]. **curiosity** [227]. **currencies** [442]. **customer** [178]. **customized** [405]. **CV** [201]. **cyber** [51, 142, 284, 559]. **cyber-bullying** [284]. **cyber-physical** [51, 559]. **cyberphysical** [455]. **cybersecurity** [271, 277]. **cybertwin** [439]. **cylinder** [185]. **D** [242, 464]. **damage** [387, 563]. **dandelion** [468]. **DAP** [77]. **DAP-CBR** [77]. **Dara** [383]. **Data** [4, 41, 57, 63, 91, 123, 134, 143, 154, 165–167, 181, 184, 210, 211, 225, 238, 271, 272, 300, 323, 349, 366, 382, 385, 390, 399, 403, 437, 444, 452, 475, 482, 505, 507, 519, 521, 542, 547, 559]. **Data-dependent** [547]. **data-driven** [475]. **data-free** [521]. **database** [81]. **dataset** [31]. **datasets** [118, 315, 426, 452]. **DBSCAN** [150]. **DDoS** [484]. **DDQN** [276]. **deadline** [4]. **debiasing** [542]. **deblur** [440]. **Decentralized** [121, 479]. **decimal** [492]. **decision** [29, 229, 360, 361, 527, 556]. **decision-making** [29]. **decoder** [157]. **decomposition** [160]. **Deep** [6, 35, 72, 92, 130, 161, 213, 223, 241, 280, 284, 288, 295, 322, 343, 344, 368, 380, 397, 402, 419, 432, 447, 457, 472, 557, 567]. **Deepat** [344]. **defect** [32, 40, 155, 239, 261, 424, 499, 504]. **defined** [291, 435, 495]. **Defocus** [440]. **deformable** [490]. **degree** [145, 331]. **degree-based** [331]. **degree-wise** [145]. **dehazing** [169]. **delay** [52]. **deliver** [263]. **demand** [55, 485]. **denial** [453]. **denoising** [3, 100, 159]. **Density** [143]. **dependencies** [189]. **Dependency** [45, 82, 125]. **Dependency-aware** [45]. **dependency-oriented** [82]. **dependent** [203, 547]. **deploy** [454]. **deployment** [84, 535, 550]. **depression** [93]. **DepressionFeature** [93]. **depth** [440]. **depth-of-field** [440]. **derivation** [225]. **descent** [328, 526]. **Design** [9, 148, 149, 251, 437, 492, 545]. **designing** [254, 428]. **Detecting** [284]. **Detection** [16, 22, 28, 32, 34, 40, 42, 62, 67, 75, 105, 106, 110, 142, 151, 155, 177, 191, 202, 222, 230, 231, 239, 249, 254, 261, 275, 277, 282, 288, 290, 297, 299, 303, 307, 315, 319, 320, 327, 334, 338, 372, 382, 387, 388, 391, 413, 419, 422, 424, 426, 428, 433, 447, 453, 457, 459, 460, 465, 476, 477, 484, 486, 501, 502, 504, 505, 515, 520, 526, 527, 544, 553, 560, 563, 565, 566]. **detection-based**

[460]. **detector** [423]. **deterministic** [343]. **DETR** [290]. **DETRmg** [307]. **device** [9, 119]. **devices** [232, 399]. **dew** [149]. **dew-assisted** [149]. **DGN** [130]. **Dhcache** [409]. **diabetic** [166]. **DiabeticChain** [166]. **diagnosis** [111, 262, 419, 432, 472, 539]. **diagnosis-based** [472]. **diagnostic** [334]. **diagram** [262]. **diagrams** [361]. **difference** [242]. **differential** [49, 116, 333]. **differentiating** [213]. **DiffREE** [30]. **Diffusion** [30, 203, 208, 224, 345, 446]. **DiFuseR** [21]. **digit** [23]. **digital** [5, 229, 478, 531]. **dilated** [509]. **dimension** [123, 230]. **dimensional** [39, 136, 154, 212, 385, 505, 526]. **directional** [349]. **Dirichlet** [118]. **disassembly** [7]. **disaster** [294, 550]. **discard** [417]. **discharges** [1]. **discovery** [182]. **discrete** [7, 159, 529]. **discrete-time** [159]. **Discriminant** [136, 404]. **disease** [411, 432]. **disentangled** [393]. **disentanglement** [540]. **disjoint** [48, 211, 273, 400]. **Distance** [173, 468, 511]. **DistilBERT** [447]. **DistilBERT-based** [447]. **distillation** [56, 521]. **distinguishing** [316]. **distributed** [11, 21, 57, 132, 228, 254, 322, 428, 443, 453]. **distribution** [195, 205, 257, 383]. **distribution-aware** [383]. **diverse** [399]. **divide** [400, 536]. **divide-and-swap** [400, 536]. **documents** [163, 171]. **domain** [114, 139, 306, 383, 522]. **domains** [249]. **dominant** [216]. **dominating** [511]. **Double** [76, 534]. **double-DQN** [76]. **DPC** [274]. **DPC-empowered** [274]. **DPSMUNet** [267]. **DQN** [76, 535]. **DQN-MSRA** [535]. **DRCD** [483]. **driven** [37, 174, 268, 272, 355, 390, 475, 483]. **Driving** [275, 288]. **DRL** [213]. **drone** [423]. **drowsiness** [463]. **DRSS** [58]. **drugs** [53, 489]. **DRX** [336]. **DSC** [442]. **DSC-RepVGG** [442]. **DSS** [14]. **DSSE** [430]. **DTCN** [221]. **Dual** [8, 17, 19, 58, 68, 82, 127, 131, 157, 197, 267, 397, 409, 471, 474, 543]. **Dual-branch** [127]. **dual-channel** [471]. **dual-decoder** [157]. **dual-energy** [8]. **Dual-enhanced** [543]. **dual-hash** [409]. **dual-path** [17]. **dual-pooling** [267]. **dual-stream** [19, 68]. **dung** [90]. **dust** [168]. **DV** [170]. **DVTXAI** [280]. **dwarf** [493]. **dyed** [239]. **Dynamic** [11, 18, 41, 44, 54, 63, 71, 77, 89, 159, 198, 348, 355, 378, 394, 396, 420, 449, 479, 491, 556]. **dynamical** [35]. **e-commerce** [229]. **E-GRACL** [42]. **EA** [424]. **each** [296]. **eagle** [251]. **EAR** [495]. **Early** [401, 486]. **earthquake** [191, 294]. **echo** [30]. **ecosystems** [473]. **EDBLSD** [366]. **EDBLSD-IIoT** [366]. **Edge** [15, 29, 35, 48, 76, 84, 100, 121, 164, 180, 192, 230, 246, 257, 270, 273, 278, 288, 317, 338, 341, 356, 363, 367, 445, 551, 565]. **edge-connectivity** [180]. **edge-independent** [341]. **education** [91]. **EEG** [126, 414, 463]. **EEG-based** [463]. **effect** [393]. **Effective** [6, 229, 288, 305, 503, 521, 532]. **efficiency** [77, 109, 154, 184, 292, 494]. **Efficient** [4, 8, 15, 23, 38, 40, 50, 61, 103, 111, 113, 116, 123, 140, 149, 195, 209, 215, 237, 252, 264, 274, 298, 328, 350, 361, 362, 417, 433, 443, 463, 492, 506, 521, 549, 554]. **EFFN** [221]. **EFFN-Transformer** [221]. **elastic** [426]. **elasticnet** [538]. **election** [435]. **electric** [241, 321, 485]. **Electrical** [49]. **electromagnetic** [441]. **electronic** [403]. **element** [405]. **elliptic** [468]. **embedded** [356]. **embedding** [218, 555]. **emergency** [294, 358, 456]. **EMGODV** [140]. **EMGODV-Hop** [140]. **emotion** [31, 71]. **emphysema** [315]. **employing** [553]. **empowered** [274]. **Empowering** [194]. **emulators** [528]. **enabled** [195, 455, 479]. **encirclement** [279]. **encirclement-combat** [279]. **encoder** [353, 480]. **encoding** [282]. **encrypted** [225]. **encryption** [12, 39, 63, 96, 108, 119, 181, 210, 464, 564]. **end** [387, 438]. **end-to-end** [387, 438].

Energy

[2, 4, 8, 15, 20, 52, 116, 123, 184, 209, 226, 237, 321, 366, 412, 436, 443, 470, 492, 494, 495, 554].

Energy-aware [2, 495]. **Energy-efficient** [4, 8, 15, 116, 237, 443, 492, 554].

Energy-harvesting-aware [226]. **engine** [259]. **engineering**

[148, 188, 251, 375, 493, 545]. **Enhanced** [64, 75, 90, 110, 113, 117, 125, 140, 153, 155, 170, 220, 223, 300, 303, 326, 328, 334, 366, 377, 387, 395, 447, 459, 467, 468, 514, 525, 530, 543, 567].

enhancement

[144, 160, 169, 244, 417, 422, 477, 519, 540].

Enhancing [10, 50, 72, 74, 77, 78, 178, 282, 292, 365, 401, 426, 550, 553]. **ensemble**

[110, 178]. **entropy** [65, 85, 167, 250].

entropy-based [65]. **environment**

[142, 181, 237, 541]. **environmental** [54].

environments [11, 223, 384, 484].

epileptiform [1]. **epochs** [265]. **equation**

[49]. **equipment** [7]. **erasure** [496].

ERBFT [496]. **error** [9, 62, 109, 487].

error-resilient [109]. **estate** [118].

Estimating [393]. **Estimation**

[270, 438, 468, 481]. **Evaluating**

[103, 288, 356]. **evaluation** [247, 392, 478].

event [126, 288, 411, 414]. **event-related**

[126, 414]. **evidence** [205]. **evolution** [116].

Evolutionary [54, 98, 395, 410, 449].

Evolutionary-enhanced [395]. **execution**

[462]. **expected** [331]. **Experience**

[214, 514]. **Experience-guided** [214].

experimentation [212]. **experts** [416].

explainable [62, 280]. **exploitation** [462].

Exploiting [183]. **exploration** [357].

Exploring [227, 437]. **Exponentially** [204].

exponentiation [296]. **exportable** [475].

expression [238]. **expressiveness** [397].

extension [304, 405]. **extensions** [362].

external [281, 539]. **Extra** [164]. **extracted**

[49]. **extracting** [299]. **extraction**

[82, 240, 447]. **extractive** [171].

extrapolation [30].

FaaSFlows [206]. **fabric** [239, 376]. **face**

[119, 540]. **faced** [236]. **Facial** [464].

facilitated [304]. **factor** [466]. **factoring**

[102]. **Factorization** [79, 87, 102, 292].

factors [120, 281]. **failure** [386]. **fair**

[97, 379]. **fake** [177, 249, 299, 320]. **fall** [431].

FANET [274]. **Fast** [100, 182, 252, 478].

fastener [504]. **faster** [534]. **FastGA** [505].

fault [262, 273, 323, 372, 472, 539]. **faults**

[48, 183]. **feasible** [286]. **Feature**

[17, 19, 28, 30, 40, 64, 106, 129, 147, 169, 193,

212, 220, 238, 254–256, 285, 299, 365, 377, 415,

422, 428, 447, 499, 501, 513, 525, 544, 563].

feature-conditioned [30]. **feature-guided**

[256]. **features**

[36, 49, 150, 306, 353, 388, 392, 538]. **FedBat**

[137]. **federal** [552]. **Federated** [26, 33, 63,

137, 158, 196, 226, 232, 246, 269, 324, 333, 385].

feedback [89]. **feedforward** [346]. **few**

[139]. **few-shot** [139]. **Fibonacci** [197].

FIBS [478]. **FIBS-fast** [478]. **field**

[440, 441, 475, 556]. **file** [260]. **filter** [532].

filtering [79, 522, 532]. **financial** [543].

Finding [36, 329, 363]. **fine**

[44, 50, 368, 418, 490]. **fine-grained**

[44, 368, 418]. **fine-tuning** [50]. **firefighting**

[472]. **first** [23]. **fitness** [449, 468].

fitness-distance-similarity [468]. **fitting**

[230]. **five** [1, 39]. **five-criterion** [1].

five-dimensional [39]. **flexible**

[293, 488, 564]. **flight** [488]. **flight-follow**

[488]. **floating** [487]. **floating-point** [487].

flow [129, 198, 281, 437, 443]. **flying** [550].

FM [201]. **FM/FM/1** [201]. **focal** [16, 511].

focused [348]. **fog**

[52, 116, 384, 386, 435, 518]. **folded** [327, 536].

folded-concave [327]. **follow** [488].

forecast [440]. **forecasting**

[20, 49, 55, 68, 115, 281, 425, 498, 509].

forensics [522]. **forest** [7]. **forests** [553].

foundation [554]. **Fourier** [193, 425].

FPGA [121, 351, 463, 491].

FPGA-accelerated [463]. **FPGA-based**

[121]. **FPGAs** [268]. **Fractional**

[90, 152, 425]. **framework** [50, 69, 89, 101, 177, 234, 280, 319, 324, 338, 380, 432, 498, 533, 539]. **free** [140, 521]. **frequency** [262, 349, 392, 522]. **Frobenius** [204]. **frontier** [452]. **fronts** [98]. **fulfillment** [1]. **full** [316]. **fully** [12, 296, 476]. **fully-verifiable** [296]. **function** [33, 90, 152, 327, 496]. **functional** [564]. **Fusion** [22, 28, 33, 43, 49, 51, 106, 129, 138, 158, 198–200, 251, 262, 266, 306, 319, 352, 389, 394, 397, 402, 415, 416, 440, 477, 501, 557, 563]. **future** [36, 291]. **Fuzzy** [29, 73, 103, 167, 173, 209, 294, 360, 411, 448].

GA [346]. **GA-DE** [346]. **gain** [325]. **gait** [380]. **Game** [178, 228, 329, 410, 412, 497]. **game-based** [329]. **gaming** [330]. **GARCH** [373]. **gating** [82, 125]. **Gaussian** [205, 269]. **gazelle** [140]. **GBADroid** [501]. **GDNet** [160]. **GDRNet** [509]. **GDT** [527]. **GDT-IDS** [527]. **GEMV** [506]. **gene** [238]. **general** [101, 531]. **generalization** [114, 306, 547]. **Generalized** [102, 159, 217, 448]. **generated** [289, 426]. **generation** [33, 132, 138, 151, 359, 386]. **Generative** [239, 258, 289, 349]. **generator** [94]. **GenerCTC** [101]. **genetic** [88]. **genome** [362]. **geographical** [103]. **Geohash** [85]. **geolocation** [223]. **geometric** [334]. **Geospectra** [223]. **gesture** [546]. **GFIDF** [319]. **GHG** [372]. **Ghost** [61, 160]. **Ghost-Weight** [61]. **global** [90, 158, 333, 384, 493]. **GNN** [215]. **GNN-based** [215]. **Golden** [545]. **good** [26]. **Goore** [329]. **GPT** [359]. **GPT-based** [359]. **GPU** [59, 270, 283, 287, 356, 368, 437, 462, 483, 549]. **GPU-based** [270, 356]. **GPU-centric** [549]. **GPUs** [21]. **GRACL** [42]. **gradient** [3, 55, 328, 526]. **gradient-aware** [3]. **gradients** [343]. **gradual** [319]. **grained** [44, 368, 418]. **granularity** [46, 56, 122, 220]. **granulator** [523]. **Graph** [18, 27, 41–43, 76, 86, 107, 112, 125, 129, 138, 176, 193, 198, 215, 248, 293, 326, 348, 396, 415, 446, 480, 486, 498, 510, 520, 527, 543, 554]. **graph-based** [76, 520, 527]. **Graph-induced** [43]. **graphics** [371]. **graphs** [48, 120, 145, 218, 245, 316, 329, 363, 466, 555]. **graphyne** [250]. **Grassmann** [404]. **greedy** [182]. **Ground** [276, 433]. **Ground-based** [433]. **group** [199, 227]. **grouping** [509]. **groups** [197]. **GRU** [472]. **GSW** [222]. **GUFORMER** [3]. **guided** [80, 168, 214, 256, 355, 365, 374, 382, 480]. **Gumbel** [33]. **GWO** [184].

Hamacher [294]. **handling** [294]. **handover** [435]. **hardware** [23, 252, 351]. **harmonic** [448]. **Harris** [148]. **harvesting** [8, 226]. **harvesting-assisted** [8]. **hash** [409]. **hate** [28]. **hawks** [148]. **hazy** [515]. **head** [2, 31]. **Healthcare** [141, 181, 285, 301]. **Hebei** [358, 456]. **heterogeneity** [196]. **heterogeneous** [11, 38, 41, 112, 167, 268, 279, 283, 335, 340, 436, 443, 483, 491, 520, 529]. **heuristic** [257, 346, 381]. **heuristics** [381]. **hexagonal** [222]. **HFSL** [196]. **hiding** [210]. **hierarchical** [195, 365]. **High** [81, 108, 154, 224, 260, 275, 277, 325, 351, 354, 405, 461, 492, 505, 526, 551]. **high-accurate** [354]. **high-dimensional** [154, 526]. **high-efficiency** [154]. **high-level** [461]. **high-performance** [260, 351, 551]. **High-precision** [277]. **high-security** [108]. **high-speed** [492]. **High-utility** [81]. **higher** [203]. **higher-order** [203]. **highly** [61]. **histopathological** [402]. **HMAC** [534]. **holes** [389]. **homomorphic** [12, 63]. **honey** [181]. **honey-based** [181]. **Hop** [140, 170]. **horse** [188]. **hot** [88]. **HPC** [194, 436, 454]. **HSVDetector** [520]. **Human** [12, 37, 170, 349, 481]. **hummingbird** [110]. **Hybrid** [13, 19, 20, 68, 72, 83, 144, 210, 254, 324, 366, 380, 388, 428, 441, 457, 462, 463, 465, 472, 474,

492, 493, 497, 533]. **HydraGNN** [554]. **hydraulic** [185]. **hydrological** [103]. **hydropower** [7]. **hyper** [381]. **hyper-heuristic** [381]. **hyperchaotic** [39, 94, 464]. **hypercube** [273]. **Hyperledger** [376]. **hyperspectral** [193, 327, 519]. **hypothesis** [133].

ICAT [191]. **ICAT-net** [191]. **ICN** [445]. **identification** [1, 56, 220, 370, 389, 525, 559]. **Identifying** [263, 513]. **IDS** [254, 428, 527]. **IID** [63]. **IIoT** [366]. **image** [3, 17, 26, 70, 90, 96, 100, 105, 108, 113, 138, 160, 168, 169, 193, 240, 244, 275, 338, 343, 345, 353, 374, 383, 402, 404, 440, 464, 490, 500, 565]. **image-set** [404]. **image-text** [138, 374]. **imagery** [202, 303, 391]. **images** [22, 113, 267, 419, 515]. **imaging** [432, 546, 565]. **imbalance** [16, 530]. **imbalanced** [248, 452]. **imitation** [289]. **Impact** [183, 187, 265, 513]. **implementation** [405, 506]. **Implicit** [102]. **Improve** [57, 156, 408]. **Improved** [34, 44, 66, 69, 116, 132, 177, 188, 230, 238, 251, 261, 266, 274–276, 290, 295, 330, 363, 389, 412, 443, 464, 481, 493, 496, 502, 507, 515]. **improvement** [306]. **Improving** [157, 262, 444]. **in-memory** [190]. **In-situ** [225]. **InceptionNet** [353]. **incorporating** [52, 539]. **increasing** [2]. **incremental** [81]. **independent** [341, 542]. **indexing** [328]. **indices** [250, 331, 489]. **indispensable** [207]. **indistinguishability** [376]. **individual** [355]. **induced** [43, 145]. **inductive** [364]. **industrial** [84, 366, 424]. **InEPS** [436]. **infant** [106]. **Inference** [60, 73, 183, 205, 209, 365, 506, 557]. **influence** [21, 130]. **influential** [513]. **information** [43, 56, 158, 255, 285, 364, 394, 477, 549]. **informed** [92, 401]. **infrared** [22, 56, 220]. **infrastructure** [455, 472]. **infrastructures** [15]. **inheritance** [158]. **injection** [544]. **Innovations** [347]. **Innovative** [20, 72, 386, 538]. **Inqasm** [451]. **InQuIR** [451]. **insider** [246]. **inspection** [561]. **inspired** [107]. **instruction** [405]. **Integrated** [95, 198, 201, 300, 346, 544]. **integrating** [386]. **integration** [358, 456]. **integrity** [534]. **Intelligence** [62, 270]. **Intelligent** [45, 76, 237, 360, 369, 411, 436, 472]. **intensity** [54]. **intent** [319]. **inter** [283]. **inter-GPU** [283]. **interaction** [560]. **Interactive** [189]. **interconnected** [112]. **interconnection** [537]. **Interest** [122, 146, 221]. **interference** [104]. **interictal** [1]. **intermediate** [427]. **internally** [211]. **internet** [84, 123, 271, 301, 339, 559]. **interruption** [201]. **intersample** [484]. **intersections** [29]. **intra** [374]. **intra-modal** [374]. **Introducing** [295, 478]. **introspection** [260]. **intrusion** [16, 42, 110, 231, 254, 277, 428, 527, 553]. **invariant** [306]. **inverse** [159]. **Investigating** [187]. **IoMT** [219, 271]. **IoT** [6, 42, 61, 110, 133, 141, 149, 151, 195, 209, 231, 232, 246, 272, 366, 367, 369, 390, 399, 444, 455, 473, 541, 557]. **IoT-based** [6, 209, 444]. **IoT-cloud** [141]. **IoT-enabled** [195, 455]. **IPAQ** [384]. **irregular** [98, 500]. **isogeny** [478]. **isogeny-based** [478]. **iterated** [182]. **iteration** [186]. **iterative** [532]. **iterative-partitioning** [532]. **iterator** [350].

Jackal [545]. **Jacobsthal** [197]. **Jaya** [443]. **jitter** [470]. **job** [293, 368, 488]. **job-shop** [293]. **jobs** [368]. **Joint** [84, 469]. **jointly** [46]. **Josephus** [180, 341]. **Journal** [308–314, 406, 407, 458, 516, 517, 568]. **judgment** [429].

K-NN [66]. **Kepler** [66]. **kernel** [24, 70]. **kernel-based** [24]. **Key** [6, 9, 57, 149, 225, 259, 350, 378, 389, 409]. **key-derivation** [225]. **key-value** [57, 259]. **keyframe** [417]. **knowledge** [33, 131, 158, 258, 416, 521]. **Korean** [163].

KSIPF [532]. **KubePipe** [461]. **KV** [156].
label [122]. **label-aware** [122]. **Lagrange** [434]. **landmarks** [490]. **landscape** [354, 357]. **language** [50, 75, 163, 194, 258, 359, 506, 542]. **Large** [41, 50, 70, 91, 104, 145, 163, 194, 506, 526]. **Large-scale** [41, 91, 104, 163, 526]. **latency** [366]. **latent** [118, 168]. **latent-content** [168]. **lattice** [219]. **lattice-based** [219]. **layer** [31, 329, 389, 518, 557]. **layout** [340]. **Ldstd** [423]. **leader** [488]. **leakage** [165]. **leakage-resilient** [165]. **learn** [207]. **learned** [328]. **Learning** [1, 9, 20, 33, 35, 37, 58, 63, 69, 72, 74, 92, 110, 113, 114, 130, 137, 139, 148, 153, 158, 161, 176, 178, 184, 185, 188, 196, 200, 207, 213, 220, 223, 232, 241, 246, 254, 256, 263, 265, 269, 271, 284, 286, 288, 289, 293, 295, 315, 321, 322, 324, 327, 332, 333, 335, 339, 344, 368, 377, 380, 385, 393, 395, 396, 401, 419, 428, 429, 431, 432, 447, 457, 461, 472, 481, 485, 488, 495, 500, 526, 535, 557, 567]. **learning-based** [35, 113, 184, 241, 485, 495]. **least** [210]. **legacy** [494]. **legal** [429]. **Leipnik** [152]. **lesion** [334]. **leukemia** [419]. **level** [46, 125, 183, 189, 200, 256, 325, 353, 381, 418, 453, 461, 541]. **leveling** [185]. **Levenberg** [55]. **Leveraging** [1, 223, 272, 390, 435]. **LEVYEOF** [441]. **LEVYEOF-WTMTA** [441]. **LGASR** [168]. **library** [283]. **LiDAR** [519]. **LIF** [405]. **lifetime** [2]. **light** [27, 160, 275, 340]. **LightUAV** [105]. **LightUAV-YOLO** [105]. **Lightweight** [56, 105, 191, 199, 207, 224, 233, 261, 301, 305, 307, 372, 399, 503, 539, 558]. **like** [48, 359]. **line** [561]. **linear** [136, 218, 325, 363, 434]. **Linguistic** [103, 360, 388]. **link** [364]. **lite** [297, 413]. **literature** [253]. **LiteYOLO** [372]. **LiteYOLO-GHG** [372]. **LM** [55]. **load** [49, 52, 55, 257, 335, 479]. **local** [132, 158, 182, 302, 333]. **locality** [404]. **localization** [1, 140, 170, 195, 249, 318, 481]. **Location** [85, 128, 221, 376]. **lock** [206]. **lock-in** [206]. **log** [382, 457]. **log-based** [457]. **LogCTBL** [457]. **LogSD** [382]. **long** [68, 115, 117, 416, 509]. **long-tailed** [416]. **long-term** [68, 115, 509]. **loop** [67]. **LoRA** [50, 378]. **LoRaWAN** [378]. **loss** [16, 33, 217, 357]. **lossy** [399]. **low** [6, 160, 325, 353, 381, 423, 521]. **low-altitude** [423]. **low-level** [353, 381]. **low-light** [160]. **low-power** [6]. **LPQAA** [233]. **LSM** [57, 350]. **LSM-tree-based** [57, 350]. **LSPP** [165]. **LSTM** [31, 142, 177, 265, 373, 412, 463, 544]. **LSTM-based** [142]. **LU** [87]. **lung** [338]. **LVASt** [305].
M [512, 519]. **M-C&M-BL** [512]. **MAC** [190]. **MACAE** [231]. **Machine** [1, 20, 69, 78, 110, 184, 217, 237, 254, 260, 263, 271, 321, 339, 377, 401, 428, 431, 461, 485, 526]. **machines** [479]. **maintaining** [91]. **maintenance** [7]. **making** [29, 360]. **malicious** [447]. **malware** [151, 501]. **Mamba** [235, 459]. **Mamba-Enhanced** [459]. **management** [103, 166, 232, 251, 278, 324, 378]. **Manifold** [404]. **manufacturing** [135]. **Many** [80, 124, 449]. **Many-objective** [80, 124, 449]. **map** [440]. **MAPER** [15]. **mapping** [193, 533]. **MAPPO** [467]. **MAQT** [438]. **Maritime** [22]. **marketing** [229]. **Markov** [89]. **Marmara** [265]. **Marquardt** [55]. **mash** [285]. **mash-up** [285]. **mask** [96]. **Masked** [239]. **masking** [500]. **matching** [24, 138, 362, 374]. **MATD3** [279]. **material** [358, 456]. **materials** [13, 494, 554]. **mathematical** [201, 347]. **mating** [449]. **MATLAB** [489]. **matrices** [159]. **matrix** [79, 175, 204, 214, 292, 506]. **MAVs** [491]. **max** [47]. **max-min** [47]. **maximization** [21, 130, 146, 364]. **maximum** [363]. **MC** [153]. **MC-CRS** [153]. **MCAN** [299]. **MCGDM** [173]. **Mdcsnet** [394]. **MDH** [19]. **MDH-Net** [19]. **means** [65, 274, 448, 532]. **measure** [204].

measurement [230]. **measures** [173, 250]. **MEC** [469]. **MECG** [326]. **mechanism** [18, 28, 31, 40, 82, 104, 124, 126, 338, 343, 410, 414, 447, 449]. **mechanisms** [191, 282]. **media** [272, 284, 390]. **Median** [522]. **Medical** [26, 39, 70, 90, 96, 111, 271, 315, 324, 385, 403, 490, 559, 565]. **medium** [485]. **medium-term** [485]. **MEKF** [416]. **memory** [115, 117, 189, 190, 231, 521]. **memristive** [204, 434]. **Menger** [180]. **meniscus** [538]. **mesoscale** [525]. **message** [364]. **Meta** [207, 346, 357, 365]. **meta-heuristic** [346]. **meta-learning** [207]. **Meta-path-guided** [365]. **metaheuristic** [201, 236]. **metal** [40, 155]. **metaphor** [477]. **Method** [2, 11, 62, 83, 103, 113, 221, 238, 249, 255, 262, 264, 337, 357, 358, 377, 389, 392, 420, 434, 440, 453, 456, 486, 497, 500, 501, 520, 532, 535]. **methodology** [475]. **methods** [204, 322, 408, 555]. **metric** [66]. **Mfe** [525]. **Mfe-net** [525]. **MFFCNN** [425]. **MGSF** [504]. **microscopic** [419]. **microservices** [104]. **migration** [184]. **migrations** [15]. **Millimeter** [270]. **mills** [88]. **MIMO** [270]. **mine** [51]. **minimal** [225]. **minimization** [306]. **minimizing** [184]. **Minimum** [218, 511]. **mining** [56, 81]. **minority** [248]. **MIoT** [559]. **missile** [381]. **mitigate** [183]. **Mitigating** [104, 455, 552]. **mitigation** [484, 559]. **Mixed** [87, 190, 214]. **Mixed-precision** [87, 214]. **mixed-signal** [190]. **mixture** [13]. **Mixup** [382]. **MLDDoS** [453]. **MLS** [533]. **Mobile** [9, 35, 119, 123, 128, 257, 286, 442, 467]. **mobility** [15]. **mobility-aware** [15]. **modal** [107, 127, 177, 374]. **modality** [86, 326]. **modality-enhanced** [326]. **modality-squeeze** [86]. **model** [30, 34, 39, 40, 65, 75, 105, 106, 143, 162, 163, 178, 179, 200, 201, 222, 228, 237, 254, 265, 273, 304, 307, 321, 344, 352, 370, 373, 385, 388, 395, 401, 403, 405, 420, 424, 428, 446, 457, 484, 505, 512, 524, 551, 556, 558, 560]. **Modeling** [46, 122, 171, 247, 300, 347, 374, 421, 489, 494, 554]. **models** [20, 50, 187, 194, 258, 288, 345, 359, 363, 503, 506, 547, 554]. **modern** [268]. **modified** [99, 164, 186]. **modular** [296]. **module** [231, 267]. **module-assisted** [231]. **modules** [503]. **moduli** [102]. **Mondrian** [553]. **mongoose** [493]. **monitoring** [260, 339, 444, 523]. **monocular** [459]. **Monomm** [459]. **Monte** [381]. **morphological** [1]. **most** [23]. **motion** [297, 413]. **mountain** [140]. **move** [182]. **movements** [106]. **movie** [78, 354]. **moving** [392]. **MQTT** [533]. **MRI** [19, 352, 432]. **MSBES** [251]. **MSRA** [535]. **MST** [86]. **MST-ARGCN** [86]. **MT** [38]. **MT-3000** [38]. **Multi** [4, 7, 10, 17, 19, 31, 32, 40, 46, 49, 54, 56, 59, 60, 70, 74, 84, 88, 89, 96, 98, 107, 108, 113, 116, 122, 124, 135, 153, 156, 177, 185, 186, 199, 216, 220, 251, 255, 266, 277, 279, 287, 293, 321, 329, 355, 379, 384, 388, 394, 418, 421, 425, 438, 440, 441, 445, 453, 459, 465, 468, 469, 497, 501, 512, 519, 545, 564, 566]. **multi-** [251]. **multi-access** [445]. **multi-agent** [279, 388]. **multi-BiLSTM** [512]. **multi-branch** [519]. **multi-cell** [469]. **multi-channel** [465]. **multi-class** [74]. **multi-client** [564]. **multi-CNN** [512]. **multi-compactions** [156]. **multi-contrastive** [153]. **multi-core** [59, 287]. **multi-criteria** [89]. **multi-cylinder** [185]. **Multi-granularity** [46, 56, 122, 220]. **multi-head** [31]. **multi-layer** [329]. **Multi-level** [418, 453]. **multi-mechanism** [124]. **Multi-medical** [96]. **Multi-modal** [107, 177]. **multi-model** [321]. **Multi-objective** [54, 59, 88, 98, 116, 255, 287, 293, 355, 384]. **multi-party** [379]. **multi-person** [7]. **multi-process** [135]. **Multi-queue-based** [4]. **Multi-robot** [497]. **Multi-scale** [10, 17, 32, 40, 49, 70, 199, 277, 394, 425, 438, 440, 459, 519]. **multi-scenario** [566]. **multi-server** [84]. **multi-stage** [19]. **multi-step** [186]. **Multi-strategy** [266, 468, 545]. **multi-threshold** [113].

Multi-time-scale [421]. **multi-TPU** [60]. **multi-tracker** [441]. **multi-valued** [216]. **multi-view** [501]. **multi-wing** [108]. **multichannel** [200]. **multiclass** [432]. **multicore** [548]. **multidisk** [259]. **multilayer** [353]. **multilevel** [90]. **Multimodal** [28, 46, 58, 64, 71, 86, 284, 299, 326, 477, 560]. **multinational** [442]. **multiparty** [507]. **multiple** [36, 39, 72, 83, 249, 279, 298, 416, 553]. **multiplication** [214]. **multiplier** [109]. **multiscale** [525]. **multistep** [535]. **Multivariate** [162, 282, 425, 498]. **multizone** [529]. **mutual** [242, 255, 301, 364]. **MVS** [371].

Namib [412]. **nanotechnology** [253]. **natural** [248, 359]. **navigation** [107, 308–314, 406, 407, 418, 458, 516, 517, 568]. **NBO** [412]. **nearest** [23, 79]. **negative** [79, 138]. **negotiation** [228]. **Neighbor** [79, 316]. **neighborhood** [248, 513]. **neighbors** [23]. **Net** [19, 70, 191, 525]. **NetQASM** [451]. **nets** [247]. **Network** [2, 3, 16, 17, 19, 27, 36, 56, 68, 71, 82, 86, 100, 125, 129, 133, 139, 144, 152, 157, 160, 182, 191, 212, 233, 239, 242, 250, 267, 275, 291, 293, 298, 299, 315, 318, 332, 334, 340, 348, 373, 402, 405, 412, 417, 418, 421, 425, 446, 459, 465, 467, 471, 491, 495, 498, 509, 514, 519, 525, 527, 553, 563, 566, 567]. **network-assisted** [315]. **networked** [550]. **networking** [435]. **networks** [6, 8, 18, 25, 36, 42, 64, 97, 127, 131, 145, 146, 164, 170, 175, 180, 183, 189, 195, 204, 209, 211, 216, 231, 246, 254, 277, 279, 335, 346, 349, 366, 386, 389, 415, 428, 434, 460, 469, 474, 476, 490, 513, 537, 543, 562]. **Networks-based** [97]. **Neural** [3, 6, 25, 42, 49, 97, 129, 183, 191, 204, 212, 277, 315, 332, 346, 402, 405, 415, 421, 425, 434, 465, 474, 498]. **NeuralWiGait** [380]. **neurodynamics** [159]. **neuromorphic** [405]. **news** [122, 177, 249, 299, 388]. **Newton** [152].

Next [151, 386]. **Next-generation** [151, 386]. **NLP** [177]. **NN** [66]. **Node** [140, 389, 400, 410]. **Node-to-set** [400]. **nodes** [57, 513]. **noise** [530, 532, 547]. **non** [63, 79]. **non-IID** [63]. **non-negative** [79]. **nonlinear** [92, 152]. **nonterrestrial** [567]. **norm** [204]. **normalization** [114]. **Note** [228, 250]. **Novel** [6, 27, 65, 67, 69, 83, 94, 128, 166, 179, 219, 262, 271, 278, 280, 322, 323, 435, 444, 512, 533]. **NPGPT** [359]. **NR** [336]. **NR-unlicensed** [336]. **nuclei** [174, 199]. **number** [94, 250]. **number-based** [250]. **numerical** [188, 203].

object [105, 157, 202, 303, 391, 426, 459, 465, 476, 515]. **objective** [54, 59, 80, 88, 98, 116, 124, 255, 287, 293, 355, 384, 449]. **objects** [392]. **occlusion** [370]. **OCT** [482]. **ODD** [202, 391]. **ODD-YOLOv8** [202]. **off** [379, 403]. **off-chain** [379, 403]. **offloading** [29, 35, 45, 52, 76, 289, 367, 469, 514]. **on-chain** [379, 403]. **oneAPI** [437]. **Online** [111, 286, 328, 470, 535]. **Onsager** [97]. **Ontologies** [243]. **ontology** [93]. **open** [426, 475]. **open-world** [426]. **operators** [43, 294]. **opportunities** [291]. **Opposition** [148]. **Opposition-based** [148]. **optimal** [102, 212, 218, 384, 550]. **optimisation** [557]. **Optimization** [8, 13, 20, 41, 45, 54, 55, 59, 66, 72, 80, 90, 95, 98, 99, 124, 132, 143, 148, 150, 170, 188, 201, 209, 236, 237, 255, 264, 266, 287, 302, 320, 325, 337, 347, 355, 365, 374, 375, 412, 420, 434, 441, 470, 474, 479, 493, 497, 545, 549]. **optimizations** [188]. **optimized** [6, 47, 191, 323, 340, 366, 398, 432, 438, 452]. **optimizer** [90, 140, 236, 264, 375, 468]. **Optimizing** [29, 72, 76, 88, 134, 172, 257, 270, 289, 303, 346, 377, 409, 473]. **order** [90, 152, 203, 247]. **ordinary** [49]. **ordinates** [529]. **oriented** [82, 200]. **orthogonal** [125, 212]. **orthogonal-gating** [125]. **orthopair** [103]. **other** [296]. **outsourced** [225]. **Outsourcing** [296, 507]. **overhead**

[289, 350]. **oversampling** [248, 532].

P2PPO [514]. **Packing** [211]. **Padovan** [197]. **PageRank** [186]. **pages** [320]. **pair** [358, 456, 530]. **Paired** [273]. **pairing** [436]. **Pakistan** [103]. **Pallet** [481]. **palsy** [106]. **pancake** [245]. **pandemic** [339]. **PANs** [26]. **Parallel** [7, 24, 38, 47, 73, 135, 226, 341, 352, 460, 514, 526, 529]. **parallelization** [461]. **parameter** [266, 468, 530]. **parameterized** [547]. **Pareto** [98]. **Particle** [13, 255, 497]. **partition** [448]. **partitioned** [273]. **partitioning** [532]. **parts** [106]. **party** [9, 379]. **passing** [364]. **password** [38]. **Path** [17, 48, 83, 95, 245, 273, 276, 329, 360, 365, 381, 497]. **paths** [211, 400]. **patient** [166]. **patient-centric** [166]. **patients** [339]. **Pattern** [81, 325]. **PBFT** [330]. **PCB** [261]. **PDCF** [213]. **PDCF-DRL** [213]. **pedestrian** [370]. **perception** [439]. **Perceptual** [474]. **Performance** [41, 57, 156, 187, 260, 265, 336, 351, 409, 420, 450, 478, 494, 508, 551]. **periodic** [129]. **permutation** [443]. **person** [7, 56, 220]. **Personalized** [158]. **perturbed** [203]. **PESA** [487]. **Petri** [247]. **pharmaceutical** [561]. **phase** [191]. **phishing** [69, 320]. **photography** [502]. **photovoltaic** [20, 468]. **physical** [51, 299, 559]. **physics** [92]. **physics-informed** [92]. **picking** [191]. **PID** [266]. **pinball** [217]. **pipeline** [156]. **pipeline-based** [156]. **pipelines** [461]. **pivoting** [87]. **pixel** [230]. **placement** [192, 257, 302, 444]. **placer** [268]. **planar** [316]. **Planning** [7, 83, 88, 95, 276, 360, 381, 497]. **plants** [401]. **plaque** [267]. **platform** [100, 219]. **platforms** [121, 550]. **play** [75, 503]. **plug** [75, 503]. **plug-and-play** [75, 503]. **PMCKV** [156]. **Pocket** [235]. **point** [176, 221, 394, 487]. **Polaris** [405]. **policy** [107, 343, 365, 483]. **pollution** [275]. **polynomial** [179, 531]. **polynomials** [252]. **pooling** [176, 240, 267]. **popularity** [552].

pose [438, 481]. **position** [348]. **positional** [282]. **positioning** [230]. **post** [9, 233]. **post-quantum** [9, 233]. **potentials** [126, 414]. **power** [6, 20, 190, 336, 401, 452]. **power-constrained** [190]. **powered** [565]. **PPLBB** [219]. **PPO** [514]. **PPTopicPLM** [75]. **practice** [26]. **pre** [75, 87, 111]. **pre-diagnosis** [111]. **pre-pivoting** [87]. **pre-trained** [75]. **Precise** [230]. **Precision** [87, 109, 214, 249, 277]. **predictability** [548]. **predicting** [321]. **prediction** [18, 54, 92, 129, 162, 178, 198, 241, 297, 323, 355, 364, 373, 381, 401, 411–413, 429, 431, 485, 499]. **predictive** [332, 554]. **preference** [27]. **prefilling** [77]. **preserving** [14, 111, 127, 128, 219, 246, 404, 430]. **pretraining** [187]. **price** [373, 498]. **Pricing** [278, 467]. **principle** [124]. **principles** [291]. **prior** [334]. **PRIORITI** [342]. **prioritisation** [97]. **prioritization** [342]. **prioritized** [514]. **priority** [52]. **priority-aware** [52]. **Privacy** [14, 85, 111, 127, 128, 134, 219, 246, 333, 376, 430, 507, 540, 567]. **privacy-preserving** [14, 111, 127, 128, 219, 246, 430]. **PRNU** [25]. **PRNU-based** [25]. **pro** [47]. **probabilistic** [376]. **probability** [355]. **probability-driven** [355]. **Problem** [102, 161, 234, 400, 444, 488, 511]. **problems** [80, 132, 148, 150, 203, 236, 251, 375, 493]. **procedure** [294]. **process** [135]. **processes** [332]. **processing** [190, 271, 405, 411]. **processor** [47]. **processors** [214, 371]. **product** [359, 424]. **product-like** [359]. **production** [88, 561]. **profit** [84]. **programming** [363]. **programs** [487]. **progressive** [560]. **project** [323]. **projection** [404]. **projects** [263]. **prompt** [429]. **Prompt4LJP** [429]. **proof** [97]. **proof-of-reputation** [97]. **propagation** [77]. **Proposal** [256, 548]. **Proposal-level** [256]. **protection** [85, 96, 333, 376]. **protocol** [9, 61, 149, 435]. **protocols** [317, 379]. **prototype** [431]. **provider** [278]. **Province**

[358, 456]. **provision** [537]. **proximal** [197]. **pseudo** [94]. **pseudo-random** [94]. **publication** [143]. **Publisher** [287]. **pump** [472]. **purification** [422, 476]. **PV** [401]. **pyelonephritis** [489].

QbE [24]. **QLW** [224]. **QML** [431]. **QNN** [354]. **QP** [474]. **QSPR** [489]. **QSVM** [78]. **qualitative** [392]. **Quality** [144, 537]. **Quality-of-service** [537]. **quantisation** [557]. **quantized** [506]. **Quantum** [9, 78, 117, 142, 147, 154, 223, 233, 253, 315, 361, 395, 398, 427, 431, 460, 465, 508, 547]. **quantum-classical** [465]. **Quantum-resistant** [508]. **quantum-SAR** [223]. **quasi** [204]. **quasi-synchronization** [204]. **quaternion** [204, 434]. **quaternion-valued** [204, 434]. **query** [350, 438]. **query-optimized** [438]. **queue** [4, 201].

rabbit [320]. **rabbits** [150]. **radar** [30]. **radial** [152]. **radiation** [475]. **radius** [120, 466]. **random** [7, 94, 193, 331, 396, 488, 496, 555]. **RandomForest** [162]. **range** [140, 350]. **range-free-based** [140]. **rank** [43]. **rank-aggregation** [43]. **rate** [265]. **rating** [410]. **ratio** [241]. **ratios** [13, 452]. **RAVDESS** [31]. **raw** [13]. **RBF** [212]. **re** [56, 220, 370]. **re-identification** [56, 220, 370]. **reaction** [203]. **reaction-diffusion** [203]. **read** [57, 409]. **real** [3, 118, 121, 222, 226, 229, 260, 307, 344, 351, 459, 470, 482, 524]. **real-time** [222, 226, 229, 260, 307, 344, 351, 459, 470, 482, 524]. **reasoning** [50, 112, 205]. **rechargeable** [298]. **recognition** [10, 12, 31, 37, 275, 349, 353, 380, 416, 417, 442, 463, 524, 546, 558]. **recommendation** [79, 122, 208, 221, 234, 304, 354, 421, 446, 552]. **recommendations** [27, 78, 292]. **recommender** [153, 215, 227, 272, 390]. **reconfigurable** [369, 548]. **reconfiguration** [135]. **Reconstruction** [37, 62, 168, 482]. **Reconstruction-driven** [37]. **records** [324, 403]. **recovery** [38, 550]. **recurrent** [86, 332, 421]. **recursive** [175]. **redefining** [354]. **reduced** [366]. **reducing** [206, 350, 538]. **reduction** [167, 526]. **redundancy** [183, 238]. **Reference** [80, 240, 360]. **Reference-based** [240]. **referring** [174]. **refinement** [19, 215]. **reflection** [345]. **regional** [483]. **regional-contention-driven** [483]. **regions** [103]. **registration** [19, 70, 490]. **registry** [15]. **regression** [387]. **regularization** [55, 327]. **reinforcement** [35, 113, 130, 161, 184, 185, 188, 213, 286, 293, 295, 335, 488, 495, 535]. **related** [126, 414]. **Relational** [112, 364]. **relationship** [27, 486]. **relationship-aware** [27]. **relay** [77]. **relevance** [238]. **reliability** [180, 205, 444, 562]. **reliable** [237, 256]. **ReLU** [557]. **remote** [17, 303, 339, 377]. **removal** [345]. **replay** [514]. **representation** [58, 197, 353, 383, 393]. **representations** [326, 402, 427]. **reputation** [97, 330]. **RepVGG** [442]. **rescaled** [217]. **Research** [28, 221, 228, 241, 306, 358, 370, 456, 552, 565]. **reserve** [358, 456]. **reservoir** [300]. **residual** [131, 509, 514]. **residuals** [240, 522]. **Resilience** [51, 365, 550]. **resilient** [109, 165]. **resistance** [470]. **resistant** [508]. **resisting** [252]. **resolution** [17, 240]. **Resource** [135, 192, 278, 292, 340, 367, 398, 469, 473, 514]. **response** [92, 206]. **Retraction** [228, 250]. **retrieval** [127, 258, 343, 353, 549]. **reuse** [17]. **reversed** [125]. **reversible** [210]. **Review** [253, 427]. **reward** [343, 381]. **RFACnv** [155]. **RFACnv-CBM-ViT** [155]. **RFD** [134]. **RFD-based** [134]. **RGB** [242]. **RGB-D** [242]. **RIME** [375]. **ring** [9, 14, 117]. **RIOKV** [350]. **RISC** [405]. **RISC-V** [405]. **risks** [275, 455]. **RL** [495]. **RL-EAR** [495]. **RNN** [184]. **road**

[387, 439]. **Roan** [125]. **Robot** [95, 497]. **Robust** [25, 84, 185, 244, 271, 415]. **robustness** [530]. **Rock** [431]. **RocksDB** [57]. **root** [195]. **roulette** [99]. **routing** [8, 274, 352, 386, 435, 495, 541]. **RSA** [102]. **RT** [290, 307]. **RT-DETRmg** [307]. **Rule** [205, 243, 411]. **rule-based** [411]. **rumor** [75, 486]. **rung** [103]. **RV** [405]. **RV-SNN** [405]. **RVV** [172].

safety [205, 288]. **salesman** [161]. **salient** [106]. **SALSTM** [115]. **salted** [534]. **sample** [138, 289]. **sampling** [68, 145, 394, 486]. **sampling-based** [68]. **sand** [113, 168, 325]. **sand-dust** [168]. **sandbox** [151]. **SAPFIS** [73]. **SAR** [34, 223]. **sarcasm** [560]. **SatEC** [514]. **satellite** [233]. **SCA** [373]. **Scalable** [259, 461, 524, 554]. **scale** [10, 17, 32, 40, 41, 49, 70, 91, 104, 163, 199, 277, 394, 421, 425, 438, 440, 459, 494, 519, 526]. **scaled** [55]. **scales** [434]. **scenario** [566]. **Scene** [107, 138, 515]. **scenes** [67]. **SCG** [55]. **scheduler** [436]. **schedules** [298]. **scheduling** [4, 116, 226, 293, 295, 368, 384, 443, 488]. **scheme** [14, 85, 96, 119, 203, 213, 233, 289, 301, 376, 378, 379, 439, 464, 531, 551]. **schemes** [564]. **SCNet** [566]. **SCNet-YOLO** [566]. **scoring** [104, 342]. **script** [69]. **script-based** [69]. **SD** [291]. **SD-WAN** [291]. **SDHNet** [68]. **SDN** [386, 445]. **SDSMS** [378]. **SDSMS-LoRa** [378]. **Sea** [265]. **sealed** [392]. **search** [124, 212, 216, 251, 302, 328, 511]. **search-based** [212, 302]. **searchable** [119]. **Secure** [9, 12, 94, 271, 296, 378, 534, 564]. **Securing** [181, 246]. **security** [69, 72, 108, 121, 165, 317, 366, 369, 471, 533, 567]. **segmentation** [60, 74, 90, 113, 157, 174, 176, 199, 235, 242, 267, 338, 419]. **segmented** [115]. **select** [283]. **selectable** [39]. **selected** [500]. **selection** [2, 89, 134, 147, 150, 212, 238, 254, 255, 323, 358, 377, 428, 449, 456, 544]. **Selective** [133]. **selector** [499]. **Self** [28, 56, 58, 115, 121, 137, 267, 343, 345, 397, 484, 491, 500]. **self-adapting** [137]. **self-adaptive** [343, 491]. **self-attention** [28, 115, 267, 484]. **Self-aware** [121]. **self-distillation** [56]. **self-expressiveness** [397]. **self-supervised** [58, 345, 500]. **Semantic** [64, 74, 242, 299, 353, 382, 520, 541]. **semantic-physical** [299]. **Semi** [169, 210, 269, 383]. **semi-reversible** [210]. **Semi-supervised** [169, 269, 383]. **sensing** [17, 303, 377]. **sensitivity** [487]. **sensor** [2, 8, 133, 170, 209, 298, 349, 495]. **sensors** [410, 546]. **sentiment** [46, 58, 64, 86, 125, 131, 189, 200, 348, 543]. **SeqMatcher** [362]. **sequence** [7, 197, 362]. **sequencing** [88]. **sequential** [81, 421]. **series** [68, 114, 129, 179, 282, 425, 503, 509]. **server** [84, 257, 450, 470]. **serverless** [206]. **servers** [296]. **service** [84, 89, 201, 278, 445, 453, 537]. **session** [292, 304, 378]. **session-based** [292, 304]. **set** [225, 304, 358, 360, 400, 404, 456, 511]. **sets** [173]. **settings** [297, 413]. **SFC** [535]. **SFOD** [256]. **SFVE** [477]. **SGB** [523]. **SGB-YOLOv5** [523]. **SGSLNet** [176]. **Shannon** [65]. **shaped** [3]. **sharding** [420]. **sharing** [368, 385, 403, 439]. **sharpness** [306]. **sharpness-aware** [306]. **shifts** [500]. **ship** [34, 566]. **shop** [293, 443, 488]. **short** [55, 75, 115, 117, 350]. **short-range** [350]. **short-term** [55, 115, 117]. **short-text** [75]. **shortest** [329]. **shot** [139]. **siamese** [491]. **Siamsdt** [491]. **side** [69, 252]. **sidelobe** [325]. **sign** [542]. **signal** [190]. **signature** [14, 44, 478, 531, 534]. **signature*** [478]. **signer** [542]. **signer-independent** [542]. **signers** [542]. **significant** [23, 210]. **signing** [379]. **signs** [307]. **SIKE** [473]. **Sim** [539]. **Sim-ConvFormer** [539]. **SimAM** [539]. **SIMD** [405]. **SIMD-style** [405]. **similarity** [124, 150, 468]. **simulation** [132, 201, 247, 300, 460]. **simulator** [494]. **simulators** [528]. **Simultaneous** [95].

Single [169, 345]. **Single-image** [169, 345]. **Singularity** [454]. **singularly** [203]. **site** [358, 456]. **situ** [225]. **situation** [73, 471]. **skeleton** [10, 37]. **skeleton-based** [10, 37]. **sketch** [21, 453]. **sketch-based** [21]. **skin** [334, 563]. **skyline** [216]. **slice** [509]. **sliding** [328]. **slopes** [431]. **small** [202, 303, 307, 315, 391, 423, 424, 515]. **smart** [44, 97, 297, 379, 412, 413, 455, 518, 520]. **smartphone** [272, 390]. **Smooth** [217]. **SNN** [405]. **SoC** [491]. **social** [27, 145, 146, 208, 215, 227, 272, 284, 390, 446]. **social-curiosity-based** [227]. **social-media** [284]. **soft** [294, 540]. **soft-biometric** [540]. **SoftMax** [33]. **software** [291, 435, 495, 499]. **software-defined** [291, 435, 495]. **solar** [20, 468]. **solution** [151, 444]. **solve** [161]. **solving** [102, 132, 236]. **sort** [164]. **sound** [288]. **source** [25, 323]. **spanning** [341]. **Spark** [518, 526]. **sparse** [175, 476]. **spatial** [169, 281, 394, 519, 522]. **spatial-channel** [169]. **spatial-spectral** [519]. **spatial-temporal** [281]. **spatially** [500]. **Spatio** [18, 129, 396]. **Spatio-temporal** [18, 129, 396]. **spatiotemporal** [10, 332]. **specific** [93, 218]. **specifications** [321]. **Spectral** [120, 466, 519]. **spectrogram** [392]. **spectrum** [14]. **speech** [28]. **speed** [18, 241, 492]. **spherical** [173]. **spiking** [405]. **spiral** [39]. **spiro** [331]. **split** [63, 196]. **splitting** [186, 203, 477]. **Sql** [544]. **squaring** [398]. **squeeze** [86]. **SS** [303]. **SSA** [212]. **SSCENet** [519]. **SSD** [528]. **SSIM** [500]. **SSO** [123]. **SSO-based** [123]. **stability** [434]. **stacked** [178]. **Stackelberg** [228]. **stage** [19, 62, 101, 440, 486, 524]. **star** [562]. **start** [234]. **state** [185, 479]. **Static** [198, 546]. **station** [7]. **Statistical** [373]. **STD** [24]. **STDP** [405]. **steepest** [148]. **Steiner** [211]. **step** [186]. **stochastic** [329, 526]. **Stock** [373]. **Storage** [57, 328, 549]. **storage-efficient** [328]. **store** [259, 409]. **stores** [156, 350]. **storytellers** [263]. **STPNet** [332]. **strategies** [45, 204, 402, 467]. **strategy** [4, 8, 54, 58, 80, 87, 125, 134, 138, 168, 170, 251, 266, 333, 468, 493, 510, 545]. **stratified** [176]. **straw** [523]. **stream** [19, 68, 139, 318]. **streaming** [437]. **streamlines** [300]. **strengthened** [449]. **strip** [88]. **strongly** [180]. **structural** [92, 176, 389, 431]. **Structure** [132, 199, 536]. **study** [152, 265, 292, 315, 333, 358, 410, 454, 456, 554]. **style** [305, 405]. **sub** [230, 279]. **sub-networks** [279]. **sub-pixel** [230]. **subgraph** [248]. **subspace** [327, 397, 505]. **substructure** [536]. **successful** [263]. **sum** [316]. **summarization** [171]. **super** [17, 240]. **super-resolution** [17, 240]. **supervised** [58, 74, 169, 269, 318, 345, 383, 395, 500]. **support** [78, 217, 229]. **supported** [192]. **surface** [40, 155]. **surfaces** [369, 424]. **surrogate** [300]. **surveillance** [297, 413]. **survey** [141, 291, 317, 528, 555]. **sustainable** [123]. **SVM** [271]. **SW26010** [47]. **SW26010-pro** [47]. **swap** [400, 536]. **Swarm** [13, 95, 255, 325, 497]. **sweep** [83]. **switch** [470]. **Swpmmmas** [47]. **SYCL** [462]. **symmetric** [510, 566]. **synchronization** [6, 204]. **synchronous** [526]. **Syntactic** [189, 374]. **Syntactic-guided** [374]. **syntax** [200]. **synthesis** [325]. **Synthetic** [248]. **system** [14, 38, 42, 47, 51, 73, 94, 108, 110, 141, 152, 153, 156, 185, 209, 229, 241, 259, 272, 278, 289, 297, 337, 339, 344, 351, 369, 380, 390, 413, 430, 442, 463, 464, 479, 523, 527, 529, 559, 561]. **Systematic** [253]. **systems** [39, 45, 57, 112, 149, 192, 197, 215, 227, 254, 283, 328, 356, 428, 444, 450, 483, 525]. **SZ4IoT** [399]. **T** [385]. **T-BFL** [385]. **table** [210]. **table-based** [210]. **tabu** [511]. **tackling** [452]. **tailed** [416]. **Target** [22, 95, 422, 423, 502]. **Task** [11, 29, 35, 52, 76, 141, 192, 279, 289, 295, 384, 514]. **tasks** [4, 99, 121, 226]. **TC** [163]. **TC-BERT** [163].

TCP [484]. **TCP-based** [484]. **tears** [538]. **technique** [248, 367, 424, 472]. **techniques** [72, 247, 284, 347, 349, 567]. **technologies** [462]. **technology** [163, 167]. **temperature** [162, 401]. **template** [491]. **temporal** [18, 71, 129, 281, 318, 396, 498]. **Tensor** [327, 361, 460]. **term** [55, 68, 115, 117, 485, 509]. **ternary** [190]. **terrestrial** [567]. **terrestrial-nonterrestrial** [567]. **testing** [133]. **tethered** [550]. **text** [75, 101, 138, 171, 374, 498, 510]. **text-based** [498]. **textual** [46, 393]. **texture** [351]. **their** [53, 106, 173, 294]. **Theory** [228, 410, 412, 497, 556]. **therapeutics** [5]. **Thermal** [546, 565]. **thermoplastic** [13]. **things** [123, 271, 301, 339, 559]. **thoughts** [50]. **threat** [142, 342]. **threats** [246, 559]. **Three** [9, 139]. **Three-stream** [139]. **threshold** [90, 113]. **thresholds** [435]. **throughput** [405]. **time** [68, 114, 116, 121, 128, 129, 159, 179, 203, 206, 222, 226, 229, 260, 262, 282, 307, 344, 351, 384, 392, 396, 421, 425, 434, 459, 470, 482, 509, 524, 548]. **time-aware** [384]. **time-dependent** [203]. **time-frequency** [262, 392]. **time-series** [282, 509]. **time-slice** [509]. **timed** [247]. **timing** [268]. **timing-driven** [268]. **TLNN** [96]. **token** [74, 417]. **tool** [461, 487]. **topic** [75, 171, 382]. **topic-enhanced** [75]. **topological** [250, 331, 489]. **topology** [10]. **TOPSIS** [85, 103, 173, 358, 456]. **torus** [48]. **torus-like** [48]. **total** [316]. **Tp** [558]. **Tp-yolov8** [558]. **TPU** [60]. **traceable** [14]. **track** [504]. **tracker** [441]. **tracking** [71, 344, 491]. **trading** [14]. **Traffic** [16, 18, 129, 198, 281, 307, 422, 558]. **Train** [504]. **trained** [75]. **training** [101, 212, 323, 554]. **trajectory** [143]. **transaction** [97]. **transactions** [77]. **transfer** [80, 305, 355, 481]. **transform** [39, 425]. **Transformer** [3, 19, 86, 144, 155, 161, 191, 221, 262, 280, 281, 304, 305, 324, 357, 372, 417, 438, 484, 510]. **transformer-based** [357]. **transformer-facilitated** [304]. **transformers** [282, 356, 538]. **translation** [542]. **transmission** [241]. **transport** [455]. **transportation** [45, 192]. **traveling** [161]. **Treating** [243]. **treatment** [393]. **tree** [50, 57, 225, 350, 527]. **trees** [341]. **triage** [294]. **Triangle** [145]. **Triangle-induced** [145]. **triangular** [250]. **trip** [292]. **triple** [486]. **triple-relationship** [486]. **Triplet** [82]. **truncated** [269]. **Trust** [232, 385, 410]. **trust-rating** [410]. **trustworthy** [554]. **TSCANet** [139, 318]. **TSESRec** [304]. **tumor** [235, 352, 512]. **tuning** [50, 266]. **tuple** [103]. **turbines** [32]. **TVM** [172, 214]. **two** [101, 136, 296, 318, 385, 389, 524]. **two-dimensional** [136, 385]. **two-layer** [389]. **two-stage** [101, 524]. **two-stream** [318]. **type** [53]. **types** [399, 433].

U [3, 70]. **U-Net** [70]. **U-shaped** [3]. **UAV** [192, 202, 391, 502]. **UAVs** [11, 83]. **ultra** [505]. **ultra-high-dimensional** [505]. **ultrasound** [267]. **unbalanced** [102, 326]. **uncertainty** [322]. **Underlying** [93]. **understanding** [112]. **underwater** [157, 244]. **UNet** [338]. **unified** [281]. **unique** [160]. **unlicensed** [336]. **Unlocking** [452]. **unmanned** [105, 276, 302]. **Unpaired** [48]. **unsupervised** [37]. **unveiled** [10]. **unveiling** [20]. **update** [150, 225]. **upon** [386]. **urban** [221, 223, 297, 413]. **URL** [447]. **User** [27, 72, 89, 93, 122, 335, 336, 376, 552]. **user-specific** [93]. **user-to-multiple** [72]. **users** [194]. **Using** [5, 23, 24, 33, 36, 43, 49, 77, 78, 88, 89, 100, 106, 113, 116, 117, 140, 177, 179, 181, 182, 209, 210, 230, 247, 257, 284, 285, 292, 321, 328, 335, 338, 349, 353, 354, 361, 371, 380, 397, 408, 410, 411, 419, 431, 432, 447, 453, 460, 465, 467, 484, 489, 507, 522]. **utility** [81]. **utilization** [289, 292]. **utilizing** [533]. **uTransformer** [281]. **UWSoS** [365].

V [405]. **v1.1** [378]. **VAE** [16, 505]. **value**

- [57, 259, 350, 409]. **valued** [204, 216, 434]. **values** [331]. **VANETs** [435]. **variable** [123, 152, 170]. **variable-order** [152]. **variance** [526]. **variances** [331]. **variants** [186]. **Variational** [5, 16, 97, 117, 154, 353]. **various** [317]. **VASP** [494]. **vector** [62, 78, 98, 217]. **vectorization** [437]. **vectors** [80]. **Vehicle** [29, 105, 241, 275, 290, 302, 321, 386, 439, 485]. **vehicle-road** [439]. **vehicles** [276]. **vehicular** [76]. **velocity** [170, 435]. **velocity-aware** [435]. **vendor** [206]. **ventilation** [51]. **veracity** [285]. **verifiable** [296, 430, 496]. **verification** [534]. **via** [16, 56, 63, 131, 167, 180, 293, 345, 382, 393, 416, 462, 498]. **vibrant** [297, 413]. **vibrating** [197]. **video** [144, 297, 413, 417, 534]. **view** [501]. **views** [91]. **virtual** [142, 184, 237, 260, 479]. **visible** [22, 56, 220, 340]. **visible-infrared** [56, 220]. **Vision** [155, 172, 262, 280, 305, 356, 357, 538, 561]. **vision-based** [561]. **vista** [297, 413]. **vista-lite** [297, 413]. **visual** [46, 107, 416, 418, 477, 491]. **visual-textual** [46]. **ViT** [155, 370]. **VLIW** [172]. **VolRec** [482]. **volumetric** [482]. **voxel** [476]. **VPSNet** [476]. **vulnerability** [520]. **VVC** [474].
- walk** [555]. **walk-based** [555]. **walks** [396]. **WAN** [291]. **warning** [401]. **water** [195, 251]. **watershed** [103]. **Wave** [270]. **WAVECAP** [433]. **wavelet** [433]. **wavelet-capsule** [433]. **weakly** [74, 318, 505]. **weakly-supervised** [318]. **weather** [515]. **web** [320]. **weight** [61, 85, 392, 426]. **weighted** [238]. **weighting** [348]. **well** [300]. **well-based** [300]. **Wetland** [524]. **whale** [8, 209]. **while** [408]. **White** [236, 419]. **White-faced** [236]. **who** [263]. **wide** [6, 291]. **Wiedemann** [533]. **WiFi** [380]. **WiFi-based** [380]. **wild** [188]. **wind** [32]. **window** [213, 328]. **wing** [108].
- wire** [222]. **wirelength** [218]. **wireless** [2, 8, 170, 209, 298, 495]. **wise** [16, 145]. **within** [392]. **WK** [175]. **WK-recursive** [175]. **words** [382]. **workflow** [371]. **workflows** [206, 475]. **world** [426]. **worn** [349]. **WRF** [454]. **written** [388]. **WSN** [140, 410]. **WTDD** [32]. **WTMTOA** [441]. **WV** [201].
- XGBoost** [16]. **XGBoost-based** [16]. **XIDINTFL** [16]. **XIDINTFL-VAE** [16].
- Yannakakis** [507]. **yarn** [239]. **yarn-dyed** [239]. **YOLO** [34, 105, 303, 424, 503, 504, 515, 563, 566]. **YOLO-SS** [303]. **YOLOv5** [261, 523]. **YOLOv7** [566]. **YOLOv8** [32, 34, 202, 275, 372, 391, 515, 558]. **YOLOv8-based** [372]. **YOLOv8-WTDD** [32]. **YOLOv8s** [222]. **YOLOv8s-GSW** [222]. **YOLOv9** [502].
- zebra** [266].

References

Trigui:2025:AIL

- [1] Omar Trigui, Sawsan Daoud, Mohamed Ghorbel, Mariem Dammak, Chokri Mhiri, and Ahmed Ben Hamida. Automated identification and localization of interictal epileptiform discharges: leveraging morphological analysis, five-criterion fulfillment, and machine learning approach. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06558-z>.

Alimohammadi:2025:EAC

- [2] Edris Alimohammadi, Sajad Haghzad Klidbary, and Mohammad Javadian. Energy-aware clustering method for cluster head selection to increasing lifetime in wireless sensor network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06474-2>.

Bai:2025:GGA

- [3] Xuefei Bai, Yongsong Wan, Weiming Wang, and Bin Zhou. GUFORMER: a gradient-aware U-shaped transformer neural network for real image denoising. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06576-x>.

Duan:2025:MQB

- [4] Lintao Duan and Haiying Wang. Multi-queue-based energy-efficient scheduling strategy for tasks with deadline constraints in cloud data center. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06580-1>.

Wang:2025:CBC

- [5] Chengling Wang, Yuexin Zhang, Yunru Ma, Peng Chen, and Yang Xiang. CNN-based continuous authentication for digital therapeutics using vari-

ational autoencoder. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06490-2>.

Dehghani:2025:NEK

- [6] Abbas Dehghani, Sadegh Fadaei, and Resul Das. A novel effective key synchronization approach based on optimized deep neural networks for IoT-based low-power wide area networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06571-2>.

Bailin:2025:ADR

- [7] Li Bailin, Chen Ao, Wu Panqi, Zhang Chao, and Fu Wenlong. Application of discrete random forest algorithm in multi-person asynchronous parallel disassembly sequence planning for hydropower station equipment maintenance. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06540-9>.

Sheng:2025:EER

- [8] Hao Sheng, Chen Jun, Cui Jianqun, Fan Xiying, and Li Zhen. An energy-efficient routing algorithm for dual-energy harvesting-assisted wireless sensor networks based on whale optimization strategy. *The Journal of Supercomputing*, 81(1):??, January

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06536-5>.

Kumar:2025:DAP

- [9] Uddeshaya Kumar, Manish Garg, and Dharminder Chaudhary. Design and analysis of a post-quantum secure three party authenticated key agreement protocol based on ring learning with error for mobile device. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06467-1>.

Chen:2025:MSS

- [10] Hongwei Chen, Jianpeng Wang, and Zexi Chen. Multi-scale spatiotemporal topology unveiled: enhancing skeleton-based action recognition. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06531-w>.

Yan:2025:DTA

- [11] Shaokun Yan and Yuanqing Xia. A distributed task allocation method for heterogeneous UAVs in dynamic and communication-constrained environments. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06517-8>.

Wang:2025:CBS

- [12] Ruyan Wang, Qinglin Zeng, Zhigang Yang, and Puning Zhang. Cloud-based secure human action recognition with fully homomorphic encryption. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06512-z>.

Ozturk:2025:OMR

- [13] Ercüment Öztürk, Ayfer Dönmez Çavdar, and Tugrul Çavdar. Optimization of mixture ratios of raw materials in thermoplastic hybrid composites based on particle swarm optimization algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06555-2>.

Yin:2025:CPP

- [14] Luona Yin and Huaqun Wang. Conditional privacy-preserving spectrum trading scheme based on traceable ring signature for DSS system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06518-7>.

Temp:2025:MMA

- [15] Daniel C. Temp, Alexandre A. F. da Costa, Angelo N. C. Vieira, Ester S. Oribes, Ivan M. Lopes, Paulo Silas S.

de Souza, Marcelo C. Luizelli, Arthur F. Lorenzon, and Fábio D. Rossi. MAPER: mobility-aware energy-efficient container registry migrations for edge computing infrastructures. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06516-9>.

Abdulganiyu:2025:XVX

- [16] Oluwadamilare Harazeem Abdulganiyu, Taha Ait Tchakoucht, Yakub Kayode Saheed, and Hilali Alaoui Ahmed. XIDINTFL-VAE: XGBoost-based intrusion detection of imbalance network traffic via class-wise focal loss variational autoencoder. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06552-5>.

Xiao:2025:DPF

- [17] Huanling Xiao, Xintong Chen, Liuhui Luo, and Cong Lin. A dual-path feature reuse multi-scale network for remote sensing image super-resolution. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06569-w>.

Chen:2025:TSP

- [18] Hongwei Chen, Hui Han, Yifan Chen, Zexi Chen, Rong Gao, and Xia Li. A traffic speed prediction algorithm

for dynamic spatio-temporal graph convolutional networks based on attention mechanism. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06539-2>.

Liu:2025:MNA

- [19] Chenou Liu, Kangjian He, Dan Xu, and Hongzhen Shi. MDH-Net: advancing 3D brain MRI registration with multi-stage transformer and dual-stream feature refinement hybrid network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06470-6>.

Zhu:2025:IAS

- [20] Chaoyang Zhu, Mengxia Wang, Mengxing Guo, Jinxin Deng, Qipei Du, Wei Wei, and Yunxiang Zhang. Innovative approaches to solar energy forecasting: unveiling the power of hybrid models and machine learning algorithms for photovoltaic power optimization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06504-z>.

Gokturk:2025:DDS

- [21] Gökhan Göktürk and Kamer Kaya. DiFuseR: a distributed sketch-based influence maximization algorithm for GPUs. *The Journal of Supercomputing*, 81(1):

??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06566-z>.

Liu:2025:MTD

- [22] Qinxiao Liu, Hangyu Chen, and Fen Zhao. Maritime target detection algorithm based on fusion of visible and infrared images. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06509-8>.

Gorgin:2025:EHA

- [23] Saeid Gorgin, Malik Zohaib Nisar, and Jeong-A Lee. Efficient hardware accelerators for k -nearest neighbors classification using most significant digit first arithmetic. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06466-2>.

Gaonkar:2025:PCA

- [24] Manisha Naik Gaonkar, Veena Thenkani-diyoor, and Aroor Dinesh Dileep. A parallel computing approach to CNN-based QbE-STD using kernel-based matching. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06497-9>.

Nayerifard:2025:RPB

- [25] Tahereh Nayerifard, Haleh Amintoosi, and Abbas Ghaemi Bafghi. A robust PRNU-based source camera attribution with convolutional neural networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06579-8>.

Makhanov:2025:TGP

- [26] Nursultan Makhanov, Ho Duc Nhan, Kok-Seng Wong, and Nguyen Anh Tu. Towards good practice for convolution and attention with PANs in federated medical image classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06476-0>.

Zhang:2025:UPS

- [27] Hongxia Zhang, Hao Li, Zeya Li, and Pengyu Chen. User preference and social relationship-aware recommendations base on a novel light graph convolutional network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06583-y>.

Mao:2025:RMH

- [28] Junjie Mao, Hanxiao Shi, and Xiaojun Li. Research on multimodal hate speech detection based on self-attention

mechanism feature fusion. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06602-y>.

Zhang:2025:OVE

- [29] Lei Zhang, Miao Wang, Liqiang Wang, Zijian Chen, and Hong Zhang. Optimizing vehicle edge computing task offloading at intersections: a fuzzy decision-making approach. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06477-z>.

Qi-liang:2025:DFC

- [30] Wu Qi-liang, Wang Xing, Zhang Tong, Miao Zi-shu, Ye Wei-liang, and Li Hao. DiffREE: feature-conditioned diffusion model for radar echo extrapolation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06577-w>.

Jin:2025:AER

- [31] Zeyu Jin and Wenjiao Zai. Audiovisual emotion recognition based on bi-layer LSTM and multi-head attention mechanism on RAVDESS dataset. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06582-z](https://link.springer.com/article/10.1007/s11227-024-06582-z).

Yu:2025:YWM

- [32] Xiaoyan Yu, Peng Yan, Shaokai Zheng, Qinghan Du, and Daolei Wang. YOLOv8-WTDD: multi-scale defect detection algorithm for wind turbines. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06487-x>.

Izadi:2025:NFL

- [33] Saadat Izadi and Mahmood Ahmadi. New fusion loss function based on knowledge generation using Gumbel–SoftMax for federated learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06593-w>.

Huang:2025:AYI

- [34] Yuqin Huang, Dezhi Han, Bing Han, and Zhongdai Wu. ADV-YOLO: improved SAR ship detection model based on YOLOv8. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06527-6>.

Xie:2025:DRL

- [35] Bo Xie and Haixia Cui. Deep reinforcement learning-based dynamical task offloading for mobile edge

computing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06603-x>.

Yadav:2025:FFA

- [36] Rahul Kumar Yadav, Shashi Prakash Tripathi, and Abhay Kumar Rai. Finding future associations in complex networks using multiple network features. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06544-5>.

Liu:2025:RDC

- [37] Xing Liu and Bo Gao. Reconstruction-driven contrastive learning for unsupervised skeleton-based human action recognition. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06573-0>.

Luo:2025:EHP

- [38] Yongtao Luo, Jie Liu, Chunye Gong, and Tun Li. An efficient heterogeneous parallel password recovery system on MT-3000. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06532-9>.

Li:2025:MME

- [39] Jianing Li, Wenjing Zhang, and Bing Zhao. 3D medical model encryption based on five-dimensional hyperchaotic systems with 3D Arnold transform and selectable multiple spiral arrangements. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06483-1>.

Zhang:2025:EMM

- [40] Heng Zhang, Wei Fu, Xiaoming Wang, Dong Li, Danchen Zhu, and Xingwang Su. An efficient model for metal surface defect detection based on attention mechanism and multi-scale feature. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06591-y>.

Wang:2025:POH

- [41] Haifeng Wang, Wenkang Guo, and Ming Zhang. Performance optimization of heterogeneous computing for large-scale dynamic graph data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06562-3>.

Lin:2025:GII

- [42] Lieqing Lin, Qi Zhong, Jiasheng Qiu, and Zhenyu Liang. E-GRACL: an IoT

intrusion detection system based on graph neural networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06471-5>.

Keyhanipour:2025:GIR

- [43] Amir Hosein Keyhanipour. Graph-induced rank-aggregation using information fusion operators. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06595-8>.

Xiangyu:2025:DFG

- [44] Wu Xiangyu, Du Xuehui, Yang Qiantao, Liu Aodi, and Wang Wenjuan. Dynamic fine-grained access control for smart contracts based on improved attribute-based signature. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06570-3>.

Zhu:2025:DAC

- [45] Sifeng Zhu, Zhaowei Song, Changlong Huang, Hai Zhu, and Rui Qiao. Dependency-aware cache optimization and offloading strategies for intelligent transportation systems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06596-7](https://link.springer.com/article/10.1007/s11227-024-06596-7).

Chen:2025:MGV

- [46] Yuzhong Chen, Liyuan Shi, Jiali Lin, Jingtian Chen, Jiayuan Zhong, and Chen Dong. Multi-granularity visual-textual jointly modeling for aspect-level multimodal sentiment analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06567-y>.

Tian:2025:SOP

- [47] Min Tian, Chaoshuai Xu, Xiaoming Wu, Jingshan Pan, Ying Guo, Wei Du, and Zhenguo Wei. Swpm-mas: an optimized parallel max-min ant system algorithm based on the SW26010-pro processor. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06581-0>.

Park:2025:UDP

- [48] Jung-Heum Park. Unpaired disjoint path covers in bipartite torus-like graphs with edge faults. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06572-1>.

Zhou:2025:ELF

- [49] Heng Zhou, Qingguo Zhou, Xiaorun Tang, Jun Shen, Binbin Yong, and

Yuanming Huang. Electrical load forecasting based on the fusion of multi-scale features extracted by using neural ordinary differential equation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06485-z>.

Chen:2025:ECC

- [50] Songlin Chen, Weicheng Wang, Xiaoliang Chen, Maolin Zhang, Peng Lu, Xianyong Li, and Yajun Du. Enhancing Chinese comprehension and reasoning for large language models: an efficient LoRA fine-tuning and tree of thoughts framework. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06499-7>.

Du:2025:RAM

- [51] Pan Du, Xinping Wang, Tiezhi Li, Chang Su, and Zhenyu Li. Resilience analysis of mine ventilation cyber-physical fusion system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06533-8>.

Panda:2025:EDP

- [52] Sanjaya Kumar Panda, Thanmayee Pounjula, Bhargavi Ravirala, and David Taniar. An energy, delay and priority-aware task offloading algorithm for fog computing incorpo-

rating load balancing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06557-0>.

Rather:2025:AAT

- [53] Bilal Ahmad Rather, Muhammad Imran, and Fozia Bashir Farooq. Algebraic analysis of p -type brooms and their application in allergic drugs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06600-0>.

Wang:2025:DMO

- [54] Yu Wang, Yongjie Ma, Quanxiu Li, and Yan Zhao. A dynamic multi-objective optimization evolutionary algorithm based on classification of environmental change intensity and collaborative prediction strategy. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06480-4>.

Uwimana:2025:STL

- [55] Eustache Uwimana, Yatong Zhou, and Ndiaye Mareme Sall. A short-term load demand forecasting: Levenberg-Marquardt (LM), Bayesian regularization (BR), and scaled conjugate gradient (SCG) optimization algorithm analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic).
URL <https://link.springer.com/article/10.1007/s11227-024-06513-y>.

Zhang:2025:LVN

- [56] Hongying Zhang and Jiangbing Zeng. Lightweight network for visible-infrared person re-identification via self-distillation and multi-granularity information mining. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06543-6>.

Huang:2025:CCD

- [57] Feixiong Huang, Yubiao Pan, Huizhen Zhang, and Mingwei Lin. CD-NRocks: computable data nodes with RocksDB to improve the read performance of LSM-tree-based distributed key-value storage systems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06526-7>.

Meng:2025:DMS

- [58] Jing Meng, Zhenfang Zhu, Jiangtao Qi, and Huaxiang Zhang. DRSS: a multimodal sentiment analysis approach based on dual representation and self-supervised learning strategy. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06524-9>.

Sun:2025:CCC

- [59] Zhuoran Sun, Ying Ying Liu, and Parimala Thulasiraman. Cooperative, collaborative, coevolutionary multi-objective optimization on CPU-GPU multi-core. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06525-8>.

Villarrubia:2025:BSC

- [60] Jorge Villarrubia, Luis Costero, Francisco D. Igual, and Katzalin Olcoz. Balanced segmentation of CNNs for multi-TPU inference. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06605-9>.

Xiao:2025:GWP

- [61] Zhengqing Xiao, Youliang Tian, Changgen Peng, Yangyang Long, and Chuanda Cai. Ghost-Weight protocol: a highly efficient blockchain consensus for IoT. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06565-0>.

Li:2025:ASD

- [62] Jinze Li, Xiangyu Meng, Zichen Qi, Dong Guo, and Cong Fu. Attack stage detection method based on vector reconstruction error autoencoder and explainable artificial intelligence. *The Journal*

of *Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06473-3>.

Liang:2025:FSL

- [63] Xingzhu Liang, Yachen Xu, Yu e Lin, and Chunjong Zhang. Federated split learning via dynamic aggregation and homomorphic encryption on non-IID data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06612-w>.

Zeng:2025:AAS

- [64] Biqing Zeng, Liangqi Xie, Ruizhe Li, Yongtao Yao, Ruiyuan Li, and Huimin Deng. Aspect-aware semantic feature enhanced networks for multimodal aspect-based sentiment analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06472-4>.

Anjali:2025:NSE

- [65] Anjali and Anjana Gupta. A novel Shannon entropy-based backward cloud model and cloud K -means clustering. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06528-5>.

Cai:2025:AKN

- [66] Liang Cai, Shijie Zhao, Fanshuai Meng, and Tianran Zhang. Adaptive K-NN metric classification based on improved Kepler optimization algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06559-y>.

Zhang:2025:NLC

- [67] Longfei Zhang, Gang Wang, and Wei Zhou. A novel loop closure detection algorithm based on cross-road scenes. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06488-w>.

Ma:2025:SSB

- [68] Shichao Ma, Shengfa Miao, Shaowen Yao, Xin Jin, Xing Chu, Qian Yu, Yuling Tian, and Ruoshu Wang. SDHNet: a sampling-based dual-stream hybrid network for long-term time series forecasting. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06495-x>.

Hong:2025:CPS

- [69] Jiwon Hong, Hyeongmin Kim, Suhyeon Oh, Yerin Im, Hyeonseong Jeong, Hyunmin Kim, Eunkueng Jang, and

Kyounggon Kim. Combating phishing and script-based attacks: a novel machine learning framework for improved client-side security. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06551-6>.

Chen:2025:MSL

- [70] Yilin Chen, Xin Hu, Tao Lu, Lu Zou, and Xiangyun Liao. A multi-scale large kernel attention with U-Net for medical image registration. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06489-9>.

Zhang:2025:MTC

- [71] Xiufeng Zhang, Jinwei Zhou, and Guobin Qi. Multimodal temporal context network for tracking dynamic changes in emotion. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06484-0>.

Nooh:2025:EBC

- [72] Sameer Abdullah Nooh. Enhancing beyond 5G connectivity and security: optimizing user-to-multiple AP associations with hybrid deep learning and innovative optimization techniques. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (elec-

tronic). URL <https://link.springer.com/article/10.1007/s11227-024-06503-0>.

Gao:2025:SPF

- [73] Lei Gao, Jingfei Jiang, Jinwei Xu, Weijia Wang, and Pengbo Wu. SAPFIS: a parallel fuzzy inference system for air combat situation assessment. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06521-y>.

Luo:2025:EWS

- [74] Huilan Luo and Zhen Zeng. Enhancing weakly supervised semantic segmentation through multi-class token attention learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06618-4>.

Zeng:2025:PPP

- [75] Jiangfeng Zeng, Xinyu Li, and Xiao Ma. PPTopicPLM: plug-and-play topic-enhanced pre-trained language model for short-text rumor detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06549-0>.

Ullah:2025:OVE

- [76] Ihsan Ullah and Youn-Hee Han. Optimizing vehicular edge computing: graph-based double-DQN approaches

for intelligent task offloading. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06599-4>.

Chin:2025:DCE

- [77] Zi Hau Chin, Vishnu Monn Baskaran, Chee Keong Tan, Ian K. T. Tan, and Timothy T. V. Yap. DAP-CBR: enhancing Bitcoin block propagation efficiency using dynamic compact block relay's prefilling of transactions. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06468-0>.

Shahid:2025:EMR

- [78] Maida Shahid, Muhammad Awais Hassan, Faiza Iqbal, Ayesha Altaf, Sayyed Wajihul Husnain Shah, Ana Visiers Elizaincin, and Imran Ashraf. Enhancing movie recommendations using quantum support vector machine (QSVM). *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06501-2>.

Sun:2025:CFR

- [79] Yu Sun and Qicheng Liu. Collaborative filtering recommendation based on K -nearest neighbor and non-negative matrix factorization algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED.

ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06537-4>.

Wang:2025:ATS

- [80] Liangliang Wang, Lei Wang, Qiaoyong Jiang, Zhaoqi Wang, Wenqian Zhu, and Zhennan Wang. An adaptive transfer strategy guided by reference vectors for many-objective optimization problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06547-2>.

Yan:2025:HUS

- [81] Huizhen Yan, Fengyang Li, Ming-Chia Hsieh, and Jimmy Ming-Tai Wu. High-utility sequential pattern mining in incremental database. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06568-x>.

Li:2025:TEN

- [82] Dan Li, Hongbin Xia, and Yuan Liu. Triplet extraction network with dual gating mechanism and dependency-oriented attention. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06575-y>.

Ozdag:2025:NHP

- [83] Recep Özdag. A novel hybrid path planning method for sweep coverage of multiple UAVs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06574-z>.

Chen:2025:RSD

- [84] Yanping Chen, Feifan Ran, Xiaomin Jin, Haizhou Liu, and Zhongmin Wang. Robust service deployment for edge computing in industrial internet with joint profit awareness and multi-server collaboration. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06609-5>.

Jing:2025:GCL

- [85] Li Jing, Liu Ke, Zhang Lei, Yin Xiaoya, Jia Yuanyuan, and Jia Huinan. Geohash coding location privacy protection scheme based on entropy weight TOPSIS. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06511-0>.

Hu:2025:MAM

- [86] Chengyu Hu, Jin Liu, Xingye Li, Meijing Li, and Huihua He. MST-ARGCN: modality-squeeze transformer with attentional recurrent graph cap-

sule network for multimodal sentiment analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06588-7>.

Sahraneshinsamani:2025:MPP

- [87] Nima Sahraneshinsamani, Sandra Catalán, and José R. Herrero. Mixed-precision pre-pivoting strategy for the LU factorization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06523-w>.

Fardad:2025:OPP

- [88] Hamidreza Fardad, Faramarz Safi-Esfahani, and Behrang Barekatain. Optimizing production planning and sequencing in hot strip mills: an approach using multi-objective genetic algorithms. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06469-z>.

Latifi:2025:MCB

- [89] Faride Latifi, Ramin Nassiri, Mehran Mohsenzadeh, and Hamidreza Mostafaei. A Markov chain-based multi-criteria framework for dynamic cloud service selection using user feedback. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06508-9>.

Xia:2025:FOC

- [90] Huangzhi Xia, Yifen Ke, Riwei Liao, and Yunqiang Sun. Fractional order calculus enhanced dung beetle optimizer for function global optimization and multilevel threshold medical image segmentation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06592-x>.

Wu:2025:CAM

- [91] Xianglin Wu, Tianhao Meng, Jingwei Zhang, Qing Yang, and Jintao Chen. Consensus algorithm for maintaining large-scale access-control views of education data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06625-5>.

Wu:2025:API

- [92] Zheqian Wu and Yingmin Li. An adaptive physics-informed deep learning approach for structural nonlinear response prediction. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06586-9>.

Dalal:2025:DUO

- [93] Sumit Dalal, Sarika Jain, and Mayank Dave. DepressionFeature: Underlying ontology for user-specific depression analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06585-w>.

Brahim:2025:NPR

- [94] A. Hadj Brahim, H. Ali Pacha, M. Naim, and A. Ali Pacha. A novel pseudo-random number generator: combining hyperchaotic system and DES algorithm for secure applications. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06639-z>.

Alqudsi:2025:IOS

- [95] Yunes Alqudsi. Integrated optimization of simultaneous target assignment and path planning for aerial robot swarm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06620-w>.

Tan:2025:MMI

- [96] Linlin Tan, Yinghong Cao, Santo Banerjee, and Jun Mou. Multi-medical image protection: compression-encryption scheme based on TLNN and mask cubes. *The Journal of Su-*

percomputing, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06624-6>.

Singh:2025:VON

- [97] Chandra Prakash Singh, Rohita Yamaganti, and Lokendra Singh Umrao. Variational Onsager Neural Networks-based fair proof-of-reputation consensus for blockchain with transaction prioritisation for smart cities. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06626-4>.

He:2025:CVA

- [98] Maowei He, Hongxia Zheng, Han-ni Chen, Zhixue Wang, Xingguo Liu, Yelin Xia, and Haoyue Wang. A clustering and vector angle-based adaptive evolutionary algorithm for multi-objective optimization with irregular Pareto fronts. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06496-w>.

Chen:2025:MAR

- [99] Lei Chen, Jieru Hou, Yunpeng Ma, and Yikai Zhao. A modified average-roulette cellular automaton algorithm for optimization tasks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06561-4>.

Bai:2025:CFC

- [100] Xuefei Bai, Yongsong Wan, and Weiming Wang. CEPDNet: a fast CNN-based image denoising network using edge computing platform. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06646-0>.

Lei:2025:GGT

- [101] Jianjun Lei, Sida Chen, and Ying Wang. GenerCTC: a general two-stage contrastive training framework for text classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06628-2>.

Zhang:2025:OBFB

- [102] Ran Zhang, Jingguo Bi, Lixiang Li, and Haipeng Peng. An optimal bound for factoring unbalanced RSA moduli by solving generalized implicit factorization problem. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06478-y>.

Naz:2025:ETL

- [103] Sumera Naz, Aqsa Tasawar, Areej Fatima, Shariq Aziz Butt, and Zhoe Co-

mas Gonzalez. An efficient 2-tuple linguistic cubic q -rung orthopair fuzzy CILOS-TOPSIS method: evaluating the hydrological geographical regions for watershed management in Pakistan. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06505-y>.

Yang:2025:MIM

- [104] Dingyu Yang, Kangpeng Zheng, Shiyu Qian, Qin Hua, Kaixuan Zhang, Jian Cao, and Guangtao Xue. Mitigating interference of microservices with a scoring mechanism in large-scale clusters. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06534-7>.

Lyu:2025:LYL

- [105] Yifan Lyu, Tianze Zhang, Xin Li, Aixun Liu, and Gang Shi. LightUAV-YOLO: a lightweight object detection model for unmanned aerial vehicle image. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06611-x>.

Rajpopat:2025:CPD

- [106] Subodh Rajpopat, Sunil Kumar, and Narinder Singh Punn. Cerebral palsy detection from infant using movements

of their salient body parts and a feature fusion model. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06520-z>.

He:2025:MMS

- [107] Yu He, Kang Zhou, and T. Lifang Tian. Multi-modal scene graph inspired policy for visual navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06541-8>.

Ding:2025:NCM

- [108] Pengfei Ding, Penghui Geng, and Weiwei Hu. A new controllable multi-wing chaotic system: applications in high-security color image encryption. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06635-3>.

Sayadi:2025:BPE

- [109] Ladan Sayadi, Abdollah Amirany, Mohammad Hossein Moaiyeri, and Somayeh Timarchi. Balancing precision and efficiency: an approximate multiplier with built-in error compensation for error-resilient applications. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06635-3>.

com/article/10.1007/s11227-024-06563-2.

Shi:2025:ESM

- [110] Leyi Shi, Qihang Yang, Luhan Gao, and Haowei Ge. An ensemble system for machine learning IoT intrusion detection based on enhanced artificial hummingbird algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06475-1>.

Zhou:2025:EPP

- [111] Sufang Zhou, Jianing Fan, Ke Yuan, Xiaoyu Du, and Chunfu Jia. Efficient privacy-preserving online medical pre-diagnosis based on blockchain. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06486-y>.

Li:2025:AHG

- [112] Bin Li, Haoyu Wang, Xiaoyu Tan, Qiong Li, Jue Chen, and Xihe Qiu. Adaptive heterogeneous graph reasoning for relational understanding in interconnected systems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06623-7>.

Hu:2025:EMT

- [113] Kun Hu and Yuanbin Mo. An efficient multi-threshold image segmen-

tation method for COVID-19 images using reinforcement learning-based enhanced sand cat algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06498-8>.

He:2025:CLN

- [114] Qi-Qiao He, Xueyuan Gong, and Yain-Whar Si. Collaborative learning with normalization augmentation for domain generalization in time series classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06622-8>.

Dai:2025:SSS

- [115] Zhi-Qiang Dai, Jie Li, Yang-Jie Cao, and Yong-Xiang Zhang. SALSTM: segmented self-attention long short-term memory for long-term forecasting. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06493-z>.

Ijaz:2025:EET

- [116] Samia Ijaz, Saima Gulzar Ahmad, Kashif Ayyub, Ehsan Ullah Munir, and Naeem Ramzan. Energy-efficient time and cost constraint scheduling algorithm using improved multi-objective differential evolution in fog computing. *The Journal of Supercomputing*, 81(1):??, January 2025.

CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06550-7>.

Qi:2025:EQL

- [117] Han Qi, Xinyue Lv, Changqing Gong, and Abdullah Gani. Enhanced quantum long short-term memory by using bidirectional ring variational quantum circuit. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06636-2>.

Gu:2025:ALD

- [118] Runhe Gu and Luchun Lin. Application of latent Dirichlet allocation and autoencoder to real estate datasets. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06659-9>.

Yue:2025:FAB

- [119] Xiaohan Yue, Gang Yi, Haoran Si, Haibo Yang, Shi Bai, and Yuan He. A face authentication-based searchable encryption scheme for mobile device. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06554-3>.

Zhou:2025:SRC

- [120] Sizhong Zhou. Spectral radius and component factors in graphs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06522-x>.

Guha:2025:SAD

- [121] Krishnendu Guha. Self-aware decentralized security for real time approximate computing tasks in FPGA-based edge platforms. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06538-3>.

Zheng:2025:MGL

- [122] Jianxing Zheng, Min Li, Suge Wang, Jian Liao, and Xiaoya Wan. Multi-granularity label-aware user interest modeling for news recommendation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06502-1>.

Ranjan:2025:EES

- [123] Rajeev Ranjan, Raj Anwit, and Prabhakar Kumar. Energy efficient and sustainable mobile data collection in internet of things: a variable dimension SSO-based approach. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06630-8>.

Gan:2025:MOO

- [124] Wei Gan, Hongye Li, and Pengpeng Hao. Many-objective optimization algorithm based on the similarity principle and multi-mechanism collaborative search. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06553-4>.

Chen:2025:RRD

- [125] Jiang Chen and Weijie Ye. Roaen: reversed dependency graph and orthogonal gating strategy attention-enhanced network for aspect-level sentiment classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06542-7>.

Tang:2025:CEE

- [126] Yiou Tang, Yan Ma, Chunling Xiao, Min Wu, and Guoyuan Zeng. Classification of EEG event-related potentials based on channel attention mechanism. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06627-3>. See correction [414].

Peng:2025:DBN

- [127] Jianting Peng, Xuyu Xiang, Jiaohua Qin, and Yun Tan. Dual-branch networks for privacy-preserving cross-modal retrieval in cloud computing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06643-3>.

Merdassi:2025:NLT

- [128] Imen Merdassi, Cherif Ghazel, and Leila Saidane. A novel location and time privacy-preserving approach for mobile cloud based on blockchain. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06604-w>.

Chen:2025:STG

- [129] Guihui Chen, Yuli Wei, Jiao Peng, Xinyu Zheng, Kai Lu, and Zhongbing Li. Spatio-temporal graph neural network based on time series periodic feature fusion for traffic flow prediction. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06653-1>.

Wang:2025:DIM

- [130] Jingwen Wang, Zhoulin Cao, Chunzhi Xie, Yanli Li, Jia Liu, and Zhisheng Gao. DGN: influence maximization based on deep reinforce-

ment learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06621-9>.

Zhu:2025:ABS

- [131] Chao Zhu and Qiang Ding. Aspect-based sentiment analysis via dual residual networks with sentiment knowledge. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06546-3>.

Shi:2025:ILC

- [132] Meifeng Shi, Guoyan Jia, and Makoto Yokoo. The improved local cost simulation algorithms based on coalition structure generation for solving distributed constraint optimization problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06644-2>.

Jha:2025:SHT

- [133] Vidyapati Jha and Priyanka Tripathi. Selective hypothesis testing in cognitive IoT sensor network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06515-w>.

Sadeghi-Nasab:2025:ODP

- [134] Alireza Sadeghi-Nasab and Mohsen Rahmani. Optimizing data privacy: an RFD-based approach to anonymization strategy selection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06642-4>.

Liang:2025:MPP

- [135] Bo Liang and Jie Gao. A multi-process parallel clustering algorithm for resource reconfiguration in cloud manufacturing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06607-7>.

Guo:2025:BTB

- [136] Yan Ru Guo, Xiang Fei Yang, Xiang Yu Hua, and Jun Pan. Bilateral two-dimensional linear discriminant analysis and its applications. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06660-2>.

Wang:2025:FSA

- [137] Jie Wang, Chaochao Sun, and Yuan Peng. FedBat: a self-adapting bat algorithm-based federated learning approach. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic).
URL <https://link.springer.com/article/10.1007/s11227-024-06514-x>.

Wang:2025:SGF

- [138] Liqin Wang, Pengcheng Yang, Xu Wang, Zhihong Xu, and Yongfeng Dong. Scene graph fusion and negative sample generation strategy for image-text matching. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06652-2>.

Bi:2025:TTS

- [139] Yuandong Bi, Hong Zhu, Jing Shi, and Bin Song. TsCANet: Three-stream contrastive adaptive network for cross-domain few-shot learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06482-2>.

Mostafa:2025:EHE

- [140] Reham R. Mostafa, Fatma A. Hashim, Ahmed M. Khedr, Zaher Al Aghbari, Imad Afyouni, Ibrahim Kamel, and Naveed Ahmed. EMGODV-Hop: an efficient range-free-based WSN node localization using an enhanced mountain gazelle optimizer. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06616-6>.

Hussain:2025:SIC

- [141] Adedoyin A. Hussain and Barakat A. Dawood. A survey on IoT-cloud task in healthcare system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06629-1>.

Tripathi:2025:QLB

- [142] Sarvapriya Tripathi, Himanshu Upadhyay, and Jayesh Soni. A quantum LSTM-based approach to cyber threat detection in virtual environment. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06615-7>.

Zhang:2025:DCB

- [143] Qian Zhang, Xing Zhang, Zhiguang Chu, and Xiang Li. Density clustering-based optimization model for trajectory data publication. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06617-5>.

Li:2025:CVQ

- [144] Hao Li, Xiaohai He, Shuhua Xiong, Haibo He, and Honggang Chen. A compressed video quality enhancement algorithm based on CNN and transformer hybrid network. *The Journal of Supercomputing*, 81(1):??, January

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06654-0>.

Gavagsaz:2025:TID

- [145] Elaheh Gavagsaz and Alireza Souri. Triangle-induced and degree-wise sampling over large graphs in social networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06613-9>.

Gautam:2025:IMS

- [146] Rahul Kumar Gautam, Anjeneya Swami Kare, and S. Durga Bhavani. Interest maximization in social networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06598-5>.

Vlasic:2025:FST

- [147] Andrew Vlasic, Hunter Grant, and Salvatore Certo. Feature selection through quantum annealing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06673-x>.

Zhao:2025:OBL

- [148] Yanfen Zhao and Hao Liu. Opposition-based learning Harris hawks optimization with steepest convergence for engi-

neering design problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06649-x>.

Cao:2025:CED

- [149] Zhengjun Cao and Huachen Ye. Comment on “Efficient design of an authenticated key agreement protocol for dew-assisted IoT systems”. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06661-1>.

Hamdipour:2025:ARO

- [150] Ali Hamdipour, Abdolali Basiri, Mostafa Zaare, and Seyedali Mirjalili. Artificial rabbits optimization algorithm with automatically DBSCAN clustering algorithm to similarity agent update for features selection problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06606-8>.

Tavares-Silva:2025:ASI

- [151] Sthéfano Henrique Mendes Tavares-Silva, Sidney Marlon Lopes-Lima, Ricardo Paranhos-Pinheiro, Liosvaldo Mariano Santiago-Abreu, Rafael Diniz Toscano-Lima, and Sérgio Murilo Maciel Fernandes. Antivirus solution to IoT malware detection with authorial next-generation sandbox. *The Journal of Supercomputing*, 81(1):??, January

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06506-x>.

Bashir:2025:CSF

- [152] Zia Bashir, M. G. Abbas Malik, and Sadam Hussain. A computational study of fractional variable-order nonlinear Newton–Leipnik chaotic system with radial basis function network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06492-0>.

Li:2025:MCE

- [153] Xiaohong Li, Jin Yao, Peng liu, and Yang Han. MC-CRS: enhanced conversational recommender system based on multi-contrastive learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06666-w>.

Qi:2025:HEV

- [154] Han Qi, Sihui Xiao, Zhuo Liu, Changqing Gong, and Abdullah Gani. A high-efficiency variational quantum classifier for high-dimensional data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06676-8>.

Wei:2025:RCV

- [155] Hao Wei, Linchang Zhao, Ruiping Li, and Mu Zhang. RFACnv-CBM-ViT: enhanced vision transformer for metal surface defect detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06662-0>.

Pan:2025:PPB

- [156] Yubiao Pan, Jianing Zhao, Yixiang Cai, Huizhen Zhang, and Mingwei Lin. PMCKV: pipeline-based multi-compactions KV stores to improve the system performance. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06680-y>.

Liu:2025:IUC

- [157] Yiwen Liu, Xiaoyu Zhang, Jinchao Zhu, and Panlong Tan. Improving underwater camouflage object segmentation with dual-decoder attention network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06584-x>.

Li:2025:PFL

- [158] Hongjiao Li, Jiayi Xu, Ming Jin, and Anyang Yin. Personalized federated learning with global information fusion and local knowledge in-

heritance collaboration. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06529-4>.

Xiang:2025:NDT

- [159] Qihong Xiang, Hongfang Gong, and Cheng Hua. A new discrete-time denoising complex neurodynamics applied to dynamic complex generalized inverse matrices. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06601-z>.

Chang:2025:GLL

- [160] Rui Chang, Gang Liu, Yao Qian, Haojie Tang, Gaoqiang Wang, and Durga Prasad Bavirisetti. GDNet: a low-light image enhancement network based on Ghost-Block and unique image decomposition. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06683-9>.

Liu:2025:DRL

- [161] Chang Liu, Xue-Feng Feng, Feng Li, Qing-Long Xian, Zhen-Hong Jia, Yu-Hang Wang, and Zong-Dong Du. Deep reinforcement learning combined with transformer to solve the traveling salesman problem. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06691-9>.

Bai:2025:MTP

- [162] Xiangqi Bai, Lingtao Zhang, Yanyan Feng, Haoran Yan, and Quan Mi. Multivariate temperature prediction model based on CNN-BiLSTM and RandomForest. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06689-3>.

Kim:2025:TBL

- [163] Taero Kim, Changdae Oh, Hyeji Hwang, Eunbyeong Lee, Yewon Kim, Yunjeong Choi, Sungjin Kim, Hosik Choi, and Kyungwoo Song. TC-BERT: large-scale language model for Korean technology commercialization documents. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06597-6>.

Zhang:2025:ECE

- [164] Guozhen Zhang, Zhimin Yue, and Dajin Wang. 1-extra 3-component edge connectivity of modified bubble-sort networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06610-y>.

Bouleghlimat:2025:LLR

- [165] Imene Bouleghlimat, Souheila Boudouda, and Salima Hacini. LSPP: a leakage-resilient security approach for a cloud-assisted big data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06657-x>.

Mishra:2025:DNB

- [166] Deepak Kumar Mishra and Pawan Singh Mehra. DiabeticChain: a novel blockchain approach for patient-centric diabetic data management. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06589-6>.

Liu:2025:NFE

- [167] Suping Liu and Xiaomin Li. New fuzzy entropy via class-consistent technology with applications to attribute reduction for heterogeneous data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06631-7>.

Si:2025:LLC

- [168] Yazhong Si, Chen Li, and Fan Yang. LGASR: latent-content guided adversarial sand-dust image reconstruction strategy. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06638-0>.

Zhang:2025:SSS

- [169] Meijia Zhang, Junzheng Li, and Sheng-peng Yu. Semi-supervised single-image dehazing based on spatial-channel feature enhancement. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06665-x>.

Panda:2025:EDH

- [170] Subrat Kumar Panda, Debasis Acharya, Dushmanta Kumar Das, and R. Kumar Rajagopal. An enhanced DV-Hop localization algorithm in wireless sensor networks with variable velocity strategy and human conception optimization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06641-5>.

AbdelAziz:2025:CBT

- [171] Nabil M. AbdelAziz, Aliaa A. Ali, Soaad M. Naguib, and Lamiaa S. Fayed. Clustering-based topic modeling for biomedical documents extractive text summarization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06640-6>.

Yu:2025:OCV

- [172] Meng-Shiun Yu, Hao-Chun Chang, Chong-Teng Wang, Yu-Wei Tien, Tai-Liang Chen, and Jenq-Kuen Lee. Optimizing computer vision algorithms with TVM on VLIW architecture based on RVV. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06530-x>.

Karamaz:2025:DMR

- [173] Fatih Karamaz and Faruk Karaaslan. Distance measures of r, s, t -spherical fuzzy sets and their applications in MCGDM based on TOPSIS. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06560-5>.

Yuan:2025:CCD

- [174] Ruosong Yuan, Wenwen Zhang, Xiaokang Dong, and Wanjun Zhang. Crns: CLIP-driven referring nuclei segmentation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06692-8>.

Nathiya:2025:BEW

- [175] R. Nathiya, D. Meiyappan, Savari Prabhu, and Sudeep Stephen. Bandwidth of wk -recursive networks and its sparse matrix computation. *The Journal*

of Supercomputing, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06633-5>.

Zhao:2025:SSC

- [176] Xu Zhao, Xiaohong Wang, and Bingge Cong. SGSLNet: stratified contextual graph pooling for point cloud segmentation with graph structural learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06656-y>.

Alsuwat:2025:IMM

- [177] Emad Alsuwat and Hatim Alsuwat. An improved multi-modal framework for fake news detection using NLP and Bi-LSTM. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06671-z>.

Guo:2025:EGC

- [178] Rui Guo, Wen Xiong, Yungang Zhang, and Yanfang Hu. Enhancing game customer churn prediction with a stacked ensemble learning model. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06675-9>.

Diao:2025:CNT

- [179] Jiarong Diao, Kai Cui, Yuling Huang, Chujin Zhou, Jianqing Li, and Haoyan Song. ChebyshevNet: a novel time series analysis model using Chebyshev polynomial. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06672-y>.

Huang:2025:ARC

- [180] Zhaoman Huang, Yayu Yang, Mingzu Zhang, and Xing Yang. Assessing reliability in Complete Josephus Cube networks via strongly Menger edge-connectivity. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06564-1>.

Kapil:2025:SBH

- [181] Gayatri Kapil, Neeraj Kumar, Ashish Kumar Mourya, and Vijay Kumar. Securing big healthcare data using attribute and honey-based encryption in cloud environment. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06535-6>.

Taibi:2025:CNC

- [182] Salaheddine Taibi, Lyazid Toumi, and Salim Bouamama. Complex network community discovery using fast local

move iterated greedy algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06614-8>.

Catalan:2025:ENN

- [183] Izan Catalán, José Flich, and Carles Hernández. Exploiting neural networks bit-level redundancy to mitigate the impact of faults at inference. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06693-7>.

Parsafar:2025:RLB

- [184] Parsa Parsafar. A reinforcement learning-based GWO-RNN approach for energy efficiency in data centers by minimizing virtual machine migration. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06510-1>.

Jia:2025:RRL

- [185] Chao Jia, Tao Yu, and ZiJian Song. Robust reinforcement learning with augmented state for leveling control of multi-cylinder hydraulic system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06681-x>.

Meng:2025:MMS

- [186] Guang-Cong Meng, Yong-Xin Dong, and Yue-Hua Feng. A modified multi-step splitting iteration and its variants for computing PageRank. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06669-7>.

Alammary:2025:IIP

- [187] Ali Saleh Alammary. Investigating the impact of pretraining corpora on the performance of Arabic BERT models. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06698-2>.

Xi:2025:IWH

- [188] Mengyao Xi and Hao Liu. An improved wild horse optimization algorithm based on reinforcement learning for numerical and engineering optimizations. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06651-3>.

Wu:2025:IMN

- [189] Danqing Wu and Chao Zhu. Interactive memory networks based on syntactic dependencies for aspect-level sentiment classification. *The Journal of Supercomputing*, 81(1):??, January

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06594-9>.

Dabbagh:2025:CMM

- [190] Arsalan Dabbagh, Mehrzad Karami-manesh, Kourosh Hassanli, and Ebrahim Abiri. CD-MAC: mixed-signal binary/ternary in-memory computing accelerator for power-constrained MAC processing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06700-x>.

Li:2025:INL

- [191] Xue-Ning Li, Fang-Jiong Chen, Ye-Ping Lai, Peng Tang, and Xiao-Jun Liang. ICAT-net: a lightweight neural network with optimized coordinate attention and transformer mechanisms for earthquake detection and phase picking. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06664-y>.

Du:2025:TPR

- [192] Jianbo Du, Jianjun Zhang, Jie Li, Jiaju Lv, Aijing Sun, Jing Jiang, Pengfei Du, and Jing Bai. Task placement and resource allocation for UAV and edge computing supported transportation systems. *The Journal of Supercomputing*, 81(1):??, January

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06647-z>.

Li:2025:GCR

- [193] Xingyu Li and Jinglei Liu. Graph convolutional and random Fourier feature mapping for hyperspectral image clustering. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06696-4>.

Yin:2025:CEH

- [194] Junqi Yin, Jesse Hines, Emily Heron, Tirthankar Ghosal, Hong Liu, Suzanne Prentice, Vanessa Lama, and Feiyi Wang. chatHPC: Empowering HPC users with large language models. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06637-1>.

Mirzaie:2025:ERC

- [195] Sara Mirzaie and Omid Bushehrian. Efficient root cause localization in IoT-enabled water distribution networks by hierarchical anomaly analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06716-3>.

Wu:2025:HHS

- [196] Nengwu Wu, Wenjie Zhao, Yuxiang Chen, Jiahong Xiao, Jin Wang, Wei Liang, Kuan-Ching Li, and Nitin Sukhija. HFSL: heterogeneity split federated learning based on client computing capabilities. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06632-6>.

Erdag:2025:JPF

- [197] Özgür Erdag, James F. Peters, and Ömür Deveci. The Jacobsthal–Padovan–Fibonacci p -sequence and its application in the concise representation of vibrating systems with dual proximal groups. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06608-6>.

Che:2025:ISD

- [198] Xingliang Che, Wen Xiong, Xian Zhang, and Xitong Zhang. An integrated static and dynamic graph fusion approach for traffic flow prediction. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06670-0>.

Zhang:2025:LMS

- [199] Xingpeng Zhang, Jing Xu, Dong He, Kaixin Wang, and Liping Wang.

Lightweight multi-scale attention group fusion structure for nuclei segmentation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06710-9>.

He:2025:MFL

- [200] Jiangtao He. A multichannel fusion learning model with syntax for Chinese-oriented aspect-level sentiment classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06674-w>.

Dhibar:2025:ASI

- [201] Sibasish Dhibar and Madhu Jain. AN-FIS simulation integrated in FM/FM/1(CV + WV) queue with Bernoulli service interruption and metaheuristic optimization for mathematical model. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06481-3>.

Zhang:2025:OYA

- [202] Yunjie Zhang, Guofeng Gao, Yadong Chen, and Zhenjian Yang. ODD-YOLOv8: an algorithm for small object detection in UAV imagery. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06703-8](https://link.springer.com/article/10.1007/s11227-024-06703-8). See correction [391].

Mohapatra:2025:SBH

- [203] J. Mohapatra, L. Govindarao, and S. Priyadarshana. A splitting based higher-order numerical scheme for 2D time-dependent singularly perturbed reaction-diffusion problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06479-x>.

Liu:2025:EQS

- [204] Yutang Liu, Qin Zhang, and Ruoxia Li. Exponentially quasi-synchronization control of quaternion-valued memristive neural networks: matrix measure strategies and Frobenius norm methods. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06699-1>.

Zhang:2025:IER

- [205] Yunyi Zhang, Ye Du, Wei He, and Yu Tang. Inference of evidence reasoning rule with Gaussian distribution reliability and its application in safety assessment. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06648-y>.

Jahrmoi:2025:FAR

- [206] Mohammad Amin Ghasvari Jahrmoi, Mehrdad Ashtiani, and Fatemeh Bakhshi. FaasFlows: an approach for reducing vendor lock-in and response time in serverless workflows. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06706-5>.

Tiwari:2025:LLL

- [207] Sambhavi Tiwari, Manas Gogoi, Shekhar Verma, and Krishna Pratap Singh. Learning to learn: a lightweight meta-learning approach with indispensable connections. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06701-w>.

Zang:2025:DSA

- [208] XiuBo Zang, HongBin Xia, and Yuan Liu. Diffusion social augmentation for social recommendation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06695-5>.

Saeedi:2025:EEC

- [209] Ahmad Saeedi, Marjan Kuchaki Rafsanjani, and Samaneh Yazdani. Energy efficient clustering in IoT-based wireless sensor networks using binary whale optimization algorithm and

fuzzy inference system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06556-1>.

Huang:2025:HCT

- [210] Cheng-Ta Huang, Njabulo Sinethemba Shongwe, Hao-Yu Weng, Chi-Yao Weng, and Shiva Prasad Sirmulwar. Hybrid coding table-based semi-reversible data hiding using least significant bits and encryption. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06712-7>.

Zhu:2025:PID

- [211] Wen-Han Zhu, Rong-Xia Hao, Jou-Ming Chang, and Jaeun Lee. Packing internally disjoint Steiner paths of data center networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06545-4>.

Mahapatra:2025:ADS

- [212] Ajit Kumar Mahapatra, Nibedan Panda, and Binod Kumar Pattanayak. Adaptive dimensional search-based orthogonal experimentation SSA (ADOX-SSA) for training RBF neural network and optimal feature selection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (elec-

tronic). URL <https://link.springer.com/article/10.1007/s11227-024-06507-w>.

Zuo:2025:PDC

- [213] Zhibin Zuo, Demin Wang, Xiaowei Nie, Xiaoduo Pan, Miaolei Deng, and Mimi Ma. PDCF-DRL: a contention window backoff scheme based on deep reinforcement learning for differentiating access categories. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06634-4>.

Castello:2025:EGM

- [214] Adrián Castelló, Héctor Martínez, Sandra Catalán, Francisco D. Igual, and Enrique S. Quintana-Ortí. Experience-guided, mixed-precision matrix multiplication with Apache TVM for ARM processors. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06720-7>.

Ga:2025:EGB

- [215] Sangmin Ga, Paul Hyunbin Cho, Gordon Euhyun Moon, and Sungwon Jung. Efficient GNN-based social recommender systems through social graph refinement. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06682-w>.

Guo:2025:DSC

- [216] Zhifeng Guo, Zijun Chen, Xue Sun, and Wenyuan Liu. H -dominant skyline community search in multi-valued networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06679-5>.

Suppalap:2025:SSV

- [217] Siwakon Suppalap, Dawrawee Makmuang, Vipavee Damminsud, and Rabin Wangkeeree. Smooth support vector machine with rescaled generalized pinball loss for classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06697-3>.

Vincy:2025:MLA

- [218] G. Caroline Vincy and M. David Raj. Minimum linear arrangement and embedding of $(K_{11} - C_{11})^n$ into specific graphs with optimal wirelength calculation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06519-6>.

Sezer:2025:PNP

- [219] Bora Bugra Sezer and Sedat Akleylek. PPLBB: a novel privacy-preserving lattice-based blockchain platform in IoMT. *The Journal of Su-*

percomputing, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06650-4>.

Liu:2025:MGE

- [220] Huilin Liu, Yuhao Wu, Zihan Tang, Xiaolong Li, Shuzhi Su, Xingzhu Liang, and Pengfei Zhang. Multi-granularity enhanced feature learning for visible-infrared person re-identification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06731-4>.

Zhang:2025:RRM

- [221] Jing Zhang, Bing Li, Yao Zhang, Yuguang Xu, and Hongan Li. Research on the recommendation method of urban location point of interest based on DTCN-EFFN-Transformer. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06742-1>.

Song:2025:YGR

- [222] Limei Song, Shikun Lu, Yu Tong, and Fengyi Han. YOLOv8s-GSW: a real-time detection model for hexagonal barbed wire breakpoints. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06738-x>.

Sarin:2025:GLQ

- [223] Saket Sarin, Sunil K. Singh, Sudhakar Kumar, and Shivam Goyal. Geospectra: leveraging quantum-SAR and deep learning for enhanced geolocation in urban environments. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06619-3>.

Yue:2025:QLB

- [224] Xingqi Yue, Lang Li, Qiuping Li, Jiahao Xiang, and Zhiwen Hu. QLW: a lightweight block cipher with high diffusion. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06707-4>.

Ren:2025:SKU

- [225] Zhengwei Ren, Xiaojuan Li, Pei He, Rongwei Yu, Shiwei Xu, Yan Tong, and Jinshan Tang. In-situ key update and minimal key set of encrypted outsourced data under binary key-derivation tree. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06684-8>.

Mohammadi:2025:EHA

- [226] Jamal Mohammadi, Mahmoud Shirazi, and Mehdi Kargahi. Energy-harvesting-aware federated scheduling of

parallel real-time tasks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06685-7>.

Tseng:2025:ESC

- [227] Tzu-Lan Tseng, Wen-Yau Liang, and Hung-Lin Huang. Exploring a social-curiosity-based algorithm for group recommender systems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06590-z>.

Tian:2025:RNR

- [228] Ran Tian, Shanwei Li, and Guoying Yang. Retraction note: Research on a distributed auto-negotiation model based on Stackelberg game theory. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06777-4>.

Pu:2025:CBD

- [229] Luoxi Pu and Zhi Quan. A CIMS-based decision support system for e-commerce: boosting real-time and effective digital marketing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06730-5>.

Xiong:2025:PZB

- [230] Jie Xiong, Dongsheng Wang, Jian Yin, and Runfang Wu. Precise Z-Block positioning and dimension measurement using improved Canny edge detection and sub-pixel contour fitting. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06769-4>.

Gao:2025:MMM

- [231] Jiaqi Gao, Mingrui Fan, Yaru He, Daoqi Han, Yueming Lu, and Yaojun Qiao. MACAE: memory module-assisted convolutional autoencoder for intrusion detection in IoT networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06704-7>.

Wang:2025:TMI

- [232] Liang Wang, Yilin Li, and Lina Zuo. Trust management for IoT devices based on federated learning and blockchain. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06715-4>.

Wang:2025:LLP

- [233] Shanshan Wang, Guofeng Zhao, Chuan Xu, Zhenzhen Han, and Shui Yu. LPQAA: a lightweight post-quantum access authentication scheme for satel-

lite network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06687-5>.

Zhou:2025:ABR

- [234] Wang Zhou, Ying Tian, Amin Ul Haq, and Sultan Ahmad. An autoencoder-based recommendation framework toward cold start problem. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06721-6>.

Zhang:2025:PCM

- [235] Hao Zhang, Jiashu Wang, Yunhao Zhao, Lianjie Wang, Wenyin Zhang, Yeh-Cheng Chen, and Neal Xiong. Pocket convolution Mamba for brain tumor segmentation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06732-3>.

Wang:2025:WFC

- [236] Yinuo Wang, Huanqi Zheng, Qiang Wu, Shengkun Yang, and Yucheng Zhou. White-faced capuchin optimizer: a new bionic metaheuristic algorithm for solving optimization problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06713-6](https://link.springer.com/article/10.1007/s11227-024-06713-6).

Swain:2025:IVM

- [237] Smruti Rekha Swain, Anshu Parashar, Ashutosh Kumar Singh, and Chung Nan Lee. An intelligent virtual machine allocation optimization model for energy-efficient and reliable cloud environment. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06734-1>.

Qin:2025:ICR

- [238] Xiwen Qin, Siqi Zhang, Xiaogang Dong, Tingru Luo, Hongyu Shi, and Liping Yuan. An improved conditional relevance and weighted redundancy feature selection method for gene expression data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06714-5>.

Zhang:2025:MCG

- [239] Hongwei Zhang, Zhidong Lu, Xiwei Chen, Shuai Lu, and Le Yao. Masked contrastive generative adversarial network for defect detection of yarn-dyed fabric. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06711-8>.

Du:2025:RBI

- [240] Junkun Du, Mingqing Wang, Xin Wang, Zhipeng Yang, Xiaojie Li, and Xi Wu. Reference-based image super-resolution with attention extraction and pooling of residuals. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06587-8>.

He:2025:DLB

- [241] Lian ge He, Jun Song, Yan Zhang, and Xin yang Wu. Deep learning-based electric vehicle transmission system speed ratio prediction research. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06748-9>.

Ge:2025:CCD

- [242] Mengjiao Ge, Wen Su, Jinfeng Gao, and Guoqiang Jia. CDMA Net: central difference mutual attention network for RGB-D semantic segmentation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06760-z>.

Boujelben:2025:TAR

- [243] Abir Boujelben and Ikram Amous. Treating anomalies in rule bases associated to ontologies. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06688-4>.

Hu:2025:RUI

- [244] Kuo-Jui Hu, Yi-Tsung Pan, Li-Wei Jiang, Sin-Der Lee, and Sheng-Long Kao. A robust underwater image enhancement algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06719-0>.

Wang:2025:PCP

- [245] Jiaqi Wang and Dongqin Cheng. The 3-path-connectivity of pancake graphs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06702-9>.

Kamatchi:2025:SEP

- [246] K. Kamatchi and E. Uma. Securing the edge: privacy-preserving federated learning for insider threats in IoT networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06752-z>.

NamvariTazehkand:2025:MSE

- [247] Leila NamvariTazehkand and Saeid Pashazadeh. Modeling, simulation, and evaluation of causal order assurance techniques in causal broad-

cast algorithms using timed colored Petri nets. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06754-x>.

Zhao:2025:SMO

- [248] Ming Zhao. Synthetic minority oversampling technique based on natural neighborhood graph with subgraph cores for class-imbalanced classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06655-z>.

Li:2025:PLM

- [249] Xuefeng Li, Chen Chen, Jian Wei, Chensu Zhao, and Xiaqiong Fan. Precision localization method for fake news detection across multiple domains. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06776-5>.

Huang:2025:RNC

- [250] Rongbing Huang, Muhammad Farhan Hanif, Muhammad Kamran Siddiqui, Mazhar Hussain, and Muhammad Faisal Hanif. Retraction note: On connection number-based topological indices and entropy measures for triangular γ -graphyne network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06781-8>.

Wang:2025:MIB

- [251] Wen-Chuan Wang, Wei-Can Tian, Kwok-Wing Chau, and Hongfei Zang. MSBES: an improved bald eagle search algorithm with multi-strategy fusion for engineering design and water management problems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06727-0>.

Madani:2025:FEH

- [252] Bachir Madani, Mohamed Salah Azaz, Said Sadoudi, and Redouane Kaibou. Fast and efficient hardware architecture of Chebyshev polynomials algorithm for resisting to side channel attacks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06761-y>.

Pacheco:2025:SLR

- [253] A. Lopez Pacheco and J. Aguilar. Systematic literature review on quantum applications in nanotechnology. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06747-w>.

Khah:2025:HML

- [254] Yashar Pourardebil Khah, Mirsaeid Hosseini Shirvani, and Hodayun Motameni. A hybrid machine learning approach for feature selection in designing intrusion detection systems (IDS) model for distributed computing networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06677-7>. See correction [428].

Ling:2025:MOP

- [255] Qinghua Ling, Zexu Li, Wenkai Liu, Jinlong Shi, and Fei Han. Multi-objective particle swarm optimization based on particle contribution and mutual information for feature selection method. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06762-x>.

Wei:2025:PLR

- [256] Xing Wei, Jiong Xia, Cang Liu, Qi wen He, Jun Chen, Zhen Wei, Chong Zhao, Fan Yang, and Yang Lu. Proposal-level reliable feature-guided contrastive learning for SFOD. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06773-8>.

Zarei:2025:OES

- [257] Sevdia Zarei, Sadoon Azizi, and Awder Ahmed. Optimizing edge server placement and load distribution in mobile edge computing using ACO and heuristic algorithms. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06780-9>.

Chen:2025:CCR

- [258] Fei Chen, Carter Zhang, and Bo Ning. CRKG: combining retrieval knowledge with generative language models. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06728-z>.

Nie:2025:CSK

- [259] Shiqiang Nie, Jie Niu, Fangxing Yu, Jianqiang Ma, Xingxing Zhu, and Weiguo Wu. Constructing a scalable key-value store engine on multidisk system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06725-2>.

Tan:2025:HPR

- [260] Kai Tan, Dongyang Zhan, Lin Ye, Hongli Zhang, Binxing Fang, and Zhihong Tian. A high-performance real-time container file monitoring approach based on virtual machine in-

tropection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06779-2>.

Xie:2025:LIY

- [261] Yinggang Xie and Yanwei Zhao. Lightweight improved YOLOv5 algorithm for PCB defect detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06739-w>.

Wang:2025:IBF

- [262] Jingyuan Wang, Yuan Zhao, Wenyan Wang, and Ziheng Wu. Improving bearing fault diagnosis method based on the fusion of time-frequency diagram and a novel vision transformer. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06793-4>.

Ardakani:2025:ICS

- [263] Saeid Pourroostaei Ardakani, Jianwei Hu, Jing Zhang, Kaifeng Jin, Tianhong Cai, Anthony Graham Bellotti, and Xiuping Hua. Identifying crowdfunding storytellers who deliver successful projects: a machine learning approach. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06785-4](https://link.springer.com/article/10.1007/s11227-024-06785-4).

Zhao:2025:AOE

- [264] Yongpeng Zhao, Shengwei Fu, Langlang Zhang, and Haisong Huang. Aitken optimizer: an efficient optimization algorithm based on the Aitken acceleration method. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06709-2>.

Shirini:2025:ILR

- [265] Kimia Shirini, Meysam Balaneshin Kordan, and Sina Samadi Gharehveran. Impact of learning rate and epochs on LSTM model performance: a study of chlorophyll-a concentrations in the Marmara Sea. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06806-2>.

Ren:2025:PPT

- [266] Qingxin Ren and Feng Feng. PID parameter tuning optimization based on multi-strategy fusion improved zebra optimization algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06548-1>.

Wang:2025:DNN

- [267] Xiaolong Wang, Hedi An, Jinsong Zhang, Dongya Huang, and Junxian Wen. DPSMUNet: a new network based on a dual-pooling self-attention module for carotid artery plaque segmentation in ultrasound images. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06770-x>.

Lin:2025:ATD

- [268] Zhifeng Lin, Yilu Chen, Yanyue Xie, Chuandong Chen, Jun Yu, and Jianli Chen. An analytical timing-driven placer for modern heterogeneous FPGAs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06755-w>.

Zhu:2025:FSS

- [269] Suxia Zhu, Yunmeng Wang, and Guanglu Sun. Federated semi-supervised learning based on truncated Gaussian aggregation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06798-z>.

Lloria:2025:OMW

- [270] Diego Lloria, Sandra Roger, Germán León, José M. Badía, Carmen Botella-Mascarell, and Jose A. Belloch. Op-

timizing millimeter wave MIMO channel estimation through GPU-based edge artificial intelligence. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06795-2>.

Khan:2025:BIN

- [271] Abdullah Ayub Khan, Asif Ali Laghari, Abdullah M. Baqasah, Rex Bacarra, Roobaea Alroobaea, Majed Alsafyani, and Jamil Abedalrahim Jamil Alsayaydeh. BDLT-IoMT — a novel architecture: SVM machine learning for robust and secure data processing in Internet of Medical Things with blockchain cybersecurity. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06782-7>.

Yu:2025:ADS

- [272] Dongxian Yu, Xiaoyu Zhou, Ali Noorian, and Mehdi Hazratifard. An AI-driven social media recommender system leveraging smartphone and IoT data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06722-5>. See correction [390].

Li:2025:PDP

- [273] Yifan Li, Shuming Zhou, and Eddie Cheng. Paired 2-disjoint path covers

of balanced hypercube under the partitioned edge fault model. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06736-z>.

Zaminkar:2025:IKM

- [274] Mina Zaminkar. An improved K-means and DPC-empowered clustering approach for efficient routing in the FANET. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06724-3>.

Zhang:2025:DRL

- [275] Lili Zhang, Ke Zhang, Kang Yang, Wei Wei, Jing Li, Hongxin Tan, Pei Yu, Yucheng Han, and Xudong Yang. Driving risks from light pollution: an improved YOLOv8 detection network for high beam vehicle image recognition. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06809-z>.

Tang:2025:PPU

- [276] Can Tang, Tao Peng, Xingxing Xie, and Junhu Peng. 3D path planning of unmanned ground vehicles based on improved DDQN. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06690-w>.

Yang:2025:HPI

- [277] Hao Yang, Junyang Yu, and Rui Zhai. High-precision intrusion detection for cybersecurity communications based on multi-scale convolutional neural networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06737-y>.

Li:2025:EBN

- [278] Shiyong Li, Huan Liu, Wenzhe Li, and Wei Sun. Edge bank: a novel resource pricing and management system for edge service provider. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06578-9>.

Yuxin:2025:MMH

- [279] Zhang Yuxin, Zhao Enjiao, Liang Hong, and Zhou Wentao. MATD3 with multiple heterogeneous sub-networks for multi-agent encirclement-combat task. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06756-9>.

Kamal:2025:EDN

- [280] Sadia Kamal, Parth Sharma, P. K. Gupta, Mohammad Khubeb Sid-

diqui, Ankush Singh, and Abhijit Dutt. *DVTXAI: a novel deep vision transformer with an explainable AI-based framework and its application in agriculture*. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06494-y>.

Li:2025:UUS

- [281] Junyan Li, Wenyong Dong, and Xuewen Gui. uTransformer: unified spatial-temporal transformer with external factors for traffic flow forecasting. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06774-7>.

Alioghli:2025:EMT

- [282] Abdul Amir Alioghli and Feyza Yildirim Okay. Enhancing multivariate time-series anomaly detection with positional encoding mechanisms in transformers. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06694-6>.

Camara:2025:AAS

- [283] Jesús Cámara, Javier Cuenca, Victor Galindo, Arturo Vicente, and Murilo Boratto. An autotuning approach to select the inter-GPU communication library on heterogeneous

systems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06794-3>.

MohammedJany:2025:DMC

- [284] Shaik MohammedJany, Chandra Bhushana Rao Killi, Shaik Rafi, and Syed Rizwana. Detecting multimodal cyber-bullying behaviour in social-media using deep learning techniques. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06772-9>.

Saini:2025:VAA

- [285] Jatinderkumar R. Saini and Shradha Vaidya. A veracity assessment algorithm for classification of healthcare information using feature bag mash-up approach. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06500-3>.

Zhang:2025:OBFa

- [286] Bolei Zhang and Lifa Wu. Online budget-feasible mobile crowdsensing with constrained reinforcement learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

article/10.1007/s11227-024-06767-6.

Sun:2025:PCC

- [287] Zhuoran Sun, Ying Ying Liu, and Parimala Thulasiraman. Publisher correction: Cooperative, collaborative, coevolutionary multi-objective optimization on CPU-GPU multi-core. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06803-5>.

Castorena:2025:ECD

- [288] Carlos Castorena, Jesus Lopez-Ballester, Juan A. De Rus, Maximo Cobos, and Francesc J. Ferri. Edge computing for driving safety: evaluating deep learning models for cost-effective sound event detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06796-1>.

Huang:2025:GAI

- [289] Haojing Huang, Jiajun Li, Fei Lu, and Jianxin Li. Generative adversarial imitation learning computing task offloading scheme for optimizing of generated sample utilization and system overhead. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06744-z>.

Wang:2025:VDA

- [290] Yuhai Wang, Shuobo Xu, Peng Wang, Lele Liu, YanShun Li, and Ze Song. Vehicle detection algorithm based on improved RT-DETR. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06766-7>.

Ouamri:2025:CSS

- [291] Mohamed Amine Ouamri, Turki Alharbi, Daljeet Singh, and Zenadji Sylia. A comprehensive survey on software-defined wide area network (SD-WAN): principles, opportunities and future challenges. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06718-1>.

Mat:2025:ESB

- [292] Abdullah Ugur Mat and Ayse Nurdan Saran. Enhancing session-based trip recommendations using matrix factorization: a study on algorithm efficiency and resource utilization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06726-1>.

Li:2025:MOF

- [293] Yuanhe Li, Wenjian Zhong, and Yuanqing Wu. Multi-objective flexible job-shop scheduling via graph attention

network and reinforcement learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06741-2>.

Ahmad:2025:BFS

- [294] Waseem Ahmad, Aurang Zeb, Muhammad Asif, and Muzhou Hou. Bipolar fuzzy soft hamacher aggregations operators and their application in triage procedure for handling emergency earthquake disaster. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06757-8>.

Salari-Hamzehkhani:2025:IID

- [295] Behnam Salari-Hamzehkhani, Mehdi Akbari, and Faramarz Safi-Esfahani. Introducing an improved deep reinforcement learning algorithm for task scheduling in cloud computing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06668-8>.

Torki:2025:SFV

- [296] Omid Torki, Hamid Mala, and Maede Ashouri-Talouki. Secure fully-verifiable outsourcing of modular exponentiation: two servers check each other. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06745-y>.

[com/article/10.1007/s11227-024-06745-y](https://link.springer.com/article/10.1007/s11227-024-06745-y).

Alasiry:2025:SVL

- [297] Areej Alasiry and Mohammed Qayyum. A smart vista-lite system for anomaly detection and motion prediction for video surveillance in vibrant urban settings. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06753-y>. See correction [413].

Ghosh:2025:ECS

- [298] Saurav Ghosh, Kanyaka Chakraborty, Piyali Bagchi Khatua, and Utpal Biswas. Efficient charging schedules in a rechargeable wireless sensor network with multiple chargers. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06804-4>.

Zhang:2025:MMC

- [299] Yaozeng Zhang, Jing Ma, and Yuguang Jia. MCAN: multimodal cross-aware network for fake news detection by extracting semantic-physical feature consistency. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06815-1>.

Saberali:2025:EWB

- [300] Behzad Saberali, Kai Zhang, Farzad Saberali, Fatna Adinani Said, and Lu Yang. Enhanced well-based surrogate reservoir modeling with integrated streamlines simulation data. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06686-6>.

Trivedi:2025:EAA

- [301] Chandan Trivedi, Keyur Parmar, and Udai Pratap Rao. *ALMASH*: an anonymity-based lightweight mutual authentication scheme for Internet of Healthcare Things. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06801-7>.

Emami:2025:ALS

- [302] Hojjat Emami. An adaptive local search-based arithmetic optimization algorithm for unmanned aerial vehicle placement. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06812-4>.

Tang:2025:YSO

- [303] Qiang Tang, Chang Su, Yuan Tian, Shibin Zhao, Kai Yang, Wei Hao, Xubin Feng, and Meilin Xie. YOLO-SS: optimizing YOLO for enhanced

small object detection in remote sensing imagery. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06765-8>.

Liu:2025:TTF

- [304] Chen Liu, Tianhao Yu, Xianghong Zhou, Lixin Zhou, and Xiaoyu Gong. TSESTRec: A transformer-facilitated set extension model for session-based recommendation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06814-2>.

Yang:2025:LLV

- [305] Gaoming Yang, Chenlong Yu, Xiujuan Wang, Xianjin Fang, and Ji Zhang. LVAST: a lightweight vision transformer for effective arbitrary style transfer. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06787-2>.

Yang:2025:RID

- [306] Yixuan Yang, Mingrong Dong, Kai Zeng, and Tao Shen. Research on the improvement of domain generalization by the fusion of invariant features and sharpness-aware minimization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-

8542 (print), 1573-0484 (electronic).
URL <https://link.springer.com/article/10.1007/s11227-024-06797-0>.

Wang:2025:RDL

- [307] Yiqiao Wang, Jinling Chen, Bo Yang, Yu Chen, Yanlin Su, and Rong Liu. RT-DETRmg: a lightweight real-time detection model for small traffic signs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06800-8>.

Anonymous:2025:JNa

- [308] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNb

- [309] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNc

- [310] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNd

- [311] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED.

ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNe

- [312] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNf

- [313] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNg

- [314] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Oviesi:2025:QNN

- [315] Safura Oviesi, Mohamad Jafar Tarokh, and Mohamad kazem Momeni. Quantum neural network-assisted learning for small medical datasets: a case study in emphysema detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06740-3>.

Yue:2025:NFS

- [316] Zhongzheng Yue, Fei Wen, and Zhi-jun Li. Neighbor full sum distinguishing total coloring of planar graphs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED.

ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06825-z>.

Bhattacharya:2025:SVS

- [317] Tathagata Bhattacharya, Adithya Vardhan Peddi, Srikanth Ponaganti, and Sai Teja Veeramalla. A survey on various security protocols of edge computing. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06678-6>.

Zhang:2025:TTS

- [318] Haiping Zhang, Haixiang Lin, Dongjing Wang, Dongyang Xu, Fuxing Zhou, Liming Guan, Dongjing Yu, and Xujian Fang. TSCANet: a two-stream context aggregation network for weakly-supervised temporal action localization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06810-6>.

Yang:2025:GGF

- [319] Qimeng Yang, Yi Liu, Lanlan Lu, and Lei Liu. GFIDF: gradual fusion intent detection framework. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06708-3>.

Shahba:2025:DFW

- [320] Leyla Shahba, Ahmad Heidary-Sharifabad, and Mohammadreza Mollahoseini Ardakani. Detection of fake web pages and phishing attacks with rabbit optimization algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06658-w>.

Khan:2025:MMA

- [321] Ajmal Khan, Naveed Iqbal, Zee-shan Kaleem, Zul Qarnain, and Mohammed M. Bait-Suwailam. A multi-model approach for predicting electric vehicle specifications and energy consumption using machine learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06820-4>.

Guerrero-Pantoja:2025:AUM

- [322] David Guerrero-Pantoja, Erick Pautsch, Clara Almeida, Silvio Rizzi, George K. Thiruvathukal, and Maria Pantoja. Accelerating uncertainty methods for distributed deep learning on novel architectures. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06818-y>.

Manchala:2025:NSP

- [323] Pravali Manchala and Manjubala Bisi.

A novel source project and optimized training data selection approach for cross-project fault prediction. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06750-1>.

Mnasri:2025:HBF

- [324] Sami Mnasri, Dorsaf Salah, and Hassen Idoudi. A hybrid blockchain and federated learning attention-based BERT transformer framework for medical records management. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06816-0>.

Mou:2025:PSL

- [325] Jianhui Mou, Jian Wang, Yangwei Wang, Ming Xiang, and Lihua Zhang. Pattern synthesis of linear antenna-array for high gain and low sidelobe level based on sand cat swarm optimization algorithm. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06763-w>.

Tang:2025:MME

- [326] Jiajia Tang, Binbin Ni, Yutao Yang, Yu Ding, and Wanzeng Kong. MECG: modality-enhanced convolutional graph for unbalanced multimodal representations. *The Journal of Supercomputing*, 81(1):??, January 2025.

CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06729-y>.

Ma:2025:TSL

- [327] Fei Ma, Aihua Hou, Feixia Yang, and Guangxian Xu. Tensor subspace learning and folded-concave function regularization for hyperspectral anomaly detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06791-6>.

Asiamah:2025:SEL

- [328] Emmanuel Acheampong Asiamah, Nana Kwadwo Akraasi-Mensah, Prince Odame, Eliel Keelson, Andrew Selasi Agbemenu, Eric Tutu Tchao, Mohammed Al-Khalidi, and Griffith Selorm Klogo. A storage-efficient learned indexing for blockchain systems using a sliding window search enhanced online gradient descent. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06805-3>.

Khomami:2025:CGG

- [329] Mohammad Mehdi Daliri Khomami, Mohammad Reza Meybodi, and Alireza Rezvanian. A cellular Goore game-based algorithm for finding the shortest path in stochastic multi-layer graphs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED.

ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06786-3>.

Li:2025:IPC

- [330] Zhe Li, Jinsong Wang, and Yi Li. An improved PBFT consensus algorithm based on reputation and gaming. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06822-2>.

Zhang:2025:EVV

- [331] Weilin Zhang, Lihua You, Hechao Liu, and Xiaona Fang. The expected values and variances for degree-based topological indices in random spiro chains. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06808-0>.

Chen:2025:SRN

- [332] Zeqiang Chen, Zhiqing Li, Xu Tang, Lai Chen, and Nengcheng Chen. STP-Net: a recurrent neural network for spatiotemporal processes predictive learning. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06823-1>.

Zhu:2025:PPF

- [333] Libo Zhu and Xiang Chen. Privacy protection in federated learning: a study on the combined strategy of local and global differential privacy. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06845-9>.

Wang:2025:GAE

- [334] Fei Wang, Ming Ju, Xianxun Zhu, Qiuyu Zhu, Haiquan Wang, Chunhua Qian, and Rui Wang. A geometric algebra-enhanced network for skin lesion detection with diagnostic prior. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06833-z>.

Ramesh:2025:UAB

- [335] Parameswaran Ramesh, P. T. V. Bhuvaneshwari, V. S. Dhanushree, G. Gokul, and S. Sahana. User association-based load balancing using reinforcement learning in 5G heterogeneous networks. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06788-1>.

Rastogi:2025:PAU

- [336] Eshita Rastogi, Mukesh Kumar Maheshwari, and Ayush Rastogi. Performance

analysis of user power consumption in NR-unlicensed DRX. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06839-7>.

Wang:2025:OMC

- [337] Jian wei Wang, Qing Zhang, and Cheng sheng Pan. Optimization method of C2 system architecture based on ALCARO. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06768-5>.

Li:2025:AUC

- [338] Hongzhi Li, Zhanghao Ren, Guoqing Zhu, and Jiayi Wang. AE-UNet: a composite lung CT image segmentation framework using attention mechanism and edge detection. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06874-4>.

Krishna:2025:CCI

- [339] Charu Krishna, Divya Kumar, and Dharmender Singh Kushwaha. CovMed-Care: confluence of internet of things, blockchain and machine learning for remote monitoring system of pandemic patients. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06751-0>.

Du:2025:RAB

- [340] Yu Du, Liwei Yang, and Yuchuan Luo. Resource allocation based on optimized cellular network AP layout for visible light communication heterogeneous network. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06834-y>.

He:2025:PCE

- [341] Qi He, Yan Wang, Jianxi Fan, and Baolei Cheng. Parallel construction of edge-independent spanning trees in complete Josephus cubes. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06784-5>.

Patil:2025:PSC

- [342] Rajendra Patil, Sivaanandh Muneeswaran, Vinay Sachidananda, Peng Hongyi, and Mohan Gurusamy. PRIOR-ITI: scoring and categorization-based threat prioritization. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06465-3>.

Ahmad:2025:DDP

- [343] Farooq Ahmad, Xinfeng Zhang, Zifang Tang, Fahad Sabah, Muhammad Azam, and Raheem Sarwar. Deep deterministic policy gradients with a self-adaptive reward mechanism for image retrieval. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06764-9>.

Cakici:2025:DRT

- [344] Muhammed Emir Çakici, Feyza Yildirim Okay, and Suat Özdemir. Deepat: a real-time deep learning based model for aircraft tracking system. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06759-6>.

Lu:2025:SIR

- [345] Zhengyang Lu, Weifan Wang, Tianhao Guo, and Feng Wang. Single-image reflection removal via self-supervised diffusion models. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06837-9>.

Shang:2025:GIM

- [346] Mengying Shang, Mengnan Tian, and Xinduan Wang. GA-DE: an integrated meta-heuristic approach for optimizing feedforward neural networks.

The Journal of Supercomputing, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06799-y>.

Ohue:2025:IMM

- [347] Masahito Ohue, Nobuaki Yasuo, and Masami Takata. Innovations in mathematical modeling, AI, and optimization techniques. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06861-9>.

Yu:2025:DPW

- [348] Bengong Yu, Chengwei Cao, and Ying Yang. Dynamic position weighting aspect-focused graph convolutional network for aspect-based sentiment analysis. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06783-6>.

Kia:2025:HAR

- [349] Zohre Kia, Meisam Yadollahzaeh-Tabari, and Homayun Motameni. Human activity recognition by body-worn sensor data using bi-directional generative adversarial networks and frequency analysis techniques. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

article/10.1007/s11227-024-06743-0.

Giveki:2025:SIR

Lin:2025:RRI

- [350] Xinwei Lin, Yubiao Pan, Wenjuan Feng, Huizhen Zhang, and Mingwei Lin. RIOKV: reducing iterator overhead for efficient short-range query in LSM-tree-based key-value stores. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06735-0>.

Zhang:2025:NHA

- [351] Yanjun Zhang, Xin Guo, Hongchen Guo, and Yichen Zhang. A new hardware architecture of high-performance real-time texture classification system based on FPGA. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06705-6>.

Liu:2025:CPF

- [352] Shiguo Liu, Dejian Wei, Junzhong Zhang, Xurui Ji, and Hui Cao. Con-vBiFuseNet: a parallel fusion model with routing attention for MRI brain tumor classification. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06758-7>.

- [353] Davar Giveki and Sajad Esfandyari. Semantic image representation for image recognition and retrieval using multi-layer variational auto-encoder, InceptionNet and low-level image features. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06792-5>.

Sinha:2025:BCA

- [354] Bam Bahadur Sinha, Ramnish Sinha, and Vishnu Priye. Beyond classical approaches: redefining the landscape of high-accurate movie recommendation using QNN. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06746-x>.

Ge:2025:DMO

- [355] Fangzhen Ge, Xuan Zhao, Dehao Chen, Longfeng Shen, and Huaiyu Liu. A dynamic multi-objective optimization algorithm based on probability-driven prediction and correlation-guided individual transfer. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06832-0>.

Martin-Salinas:2025:EAV

- [356] Ignacio Martin-Salinas, Jose M. Badia, Oscar Valls, German Leon, Ro-

cio del Amor, Jose A. Belloch, Adrian Amor-Martin, and Valery Naranjo. Evaluating and accelerating vision transformers on GPU-based embedded edge AI systems. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06807-1>.

Zhang:2025:VTB

- [357] Enzhi Zhang, Rui Zhong, Xingbang Du, Mohamed Wahib, and Masaharu Munetomo. Vision transformer-based meta loss landscape exploration with actor-critic method. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06867-3>.

Kong:2025:RSS

- [358] Dekun Kong and Wengaung Yang. Research on site selection of emergency material reserve based on set pair analysis and TOPSIS integration method: a case study of Hebei Province, China. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06813-3>. See correction [456].

Sakano:2025:NNP

- [359] Koh Sakano, Kairi Furui, and Masahito Ohue. NPGPT: natural product-like compound generation with GPT-based chemical language models. *The Journal*

of Supercomputing, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06860-w>.

Gan:2025:IDM

- [360] Lian Gan, YuHong Du, Shuai Wang, WeiJia Ren, ZiQi Rong, and XinLong Li. Intelligent decision making algorithm for path planning based on reference linguistic fuzzy set. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06842-y>.

Lopez-Oliva:2025:EQC

- [361] Vicente Lopez-Oliva, Jose M. Badia, and Maribel Castillo. Efficient quantum circuit contraction using tensor decision diagrams. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06836-w>.

Espinosa:2025:SEG

- [362] Elena Espinosa, Ricardo Quislan, Rafael Larrosa, and Oscar Plata. SeqMatcher: efficient genome sequence matching with AVX-512 extensions. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06789-0>.

Ghadiri:2025:IBL

- [363] Mohammad Javad Ghadiri and Mehri Bagherian. Improved binary linear programming models for finding maximum edge bi-clique in bipartite graphs. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06733-2>.

Liang:2025:RMP

- [364] Xinyu Liang, Guannan Si, Jianxin Li, Pengxin Tian, Zhaoliang An, and Fengyu Zhou. Relational message passing with mutual information maximization for inductive link prediction. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06749-8>.

Wang:2025:MPG

- [365] Kexin Wang, Dingrui Xue, Yingdong Gou, Wanlong Qi, Bo Li, Jiancheng Liu, Yinglong Feng, and Yuqing Lin. Meta-path-guided causal inference for hierarchical feature alignment and policy optimization in enhancing resilience of UWSoS. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06848-6>.

Dehkordi:2025:EIC

- [366] Afsaneh Banitalebi Dehkordi. EDBLSD-IIoT: a comprehensive hybrid architecture for enhanced data security, reduced latency, and optimized energy in industrial IoT networks. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06872-6>.

Jha:2025:AOR

- [367] Mukesh Kumar Jha and Mohit Kumar. An autonomic offloading and resource allocation technique for IoT applications in edge computing. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06491-1>.

Chung:2025:FGG

- [368] Wu-Chun Chung, Jyun-Sen Tong, and Zhi-Hao Chen. A fine-grained GPU sharing and job scheduling for deep learning jobs on the cloud. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06849-5>.

Abideen:2025:AIS

- [369] Syed Zain Ul Abideen, Abdul Wahid, Mian Muhammad Kamal, Nouman Imtiaz, Nabila Sehito, Yousef Ibrahim Daradkeh, Mahmoud Ahmad Al-Khasawneh, Abdullah Alwabli, and

Inam Ullah. Advancements in IoT system security: a reconfigurable intelligent surfaces and backscatter communication approach. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06819-x>.

Guo:2025:ROP

- [370] Yuepeng Guo, ZhenPing Lan, Yanguo Sun, Yuheng Sun, Xinxin Li, Yuru Wang, and Bo Li. Research on occlusion pedestrian re-identification based on ViT model. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06831-1>.

Diaz-Cano:2025:AMW

- [371] Roberto Díaz-Cano, Francesc Folch, Enrique S. Quintana-Ortí, and Pedro Alonso-Jordá. Acceleration of the MVS workflow using graphics processors. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06835-x>.

Xiao:2025:LGL

- [372] Senyue Xiao, Jianhua Liu, Zeming Pan, Shaoze Wang, Yang Yang, Zilong Song, and Anni Fan. LiteYOLO-GHG: a lightweight YOLOv8-based algorithm for transformer bushing fault detection. *The Journal of Super-*

computing, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06852-w>.

Mehtarizadeh:2025:SPP

- [373] Homa Mehtarizadeh, Najme Mansouri, Behnam Mohammad Hasani Zade, and Mohammad Mehdi Hosseini. Stock price prediction with SCA-LSTM network and statistical model ARIMA-GARCH. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06775-6>.

Wu:2025:SGO

- [374] Di Wu, Le Zhang, and Yao Chen. Syntactic-guided optimization of image-text matching for intra-modal modeling. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06840-0>.

Wang:2025:CCCb

- [375] Zhen Wang, Dong Zhao, Ali Asghar Heidari, Huiling Chen, and Guoxi Liang. CGWRIME: collaboration and competition-boosted RIME optimizer for engineering optimization problems. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

article/10.1007/s11227-024-06817-z.

Jiang:2025:FMP

Lei:2025:LPP

- [376] Lei Zhang, Yongbo Bai, Shiyi Lin, Shuaishuai Lian, Yijia Geng, and Zhili Liu. Location privacy protection scheme of user collaborative probabilistic indistinguishability based on Hyperledger Fabric. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06854-8>.

Ewees:2025:OFS

- [377] Ahmed A. Ewees, Mohammed M. Alshahrani, Abdullah M. Alharthi, and Marwa A. Gaheen. Optimizing feature selection and remote sensing classification with an enhanced machine learning method. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06790-7>.

Sravan:2025:SLS

- [378] S. S. Sravan, Susmita Mandal, and P. J. A. Alphonse. SDSMS-LoRa: secure dynamic session key management scheme for LoRaWAN v1.1. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06802-6>.

- [379] Rong Jiang, Yulin Li, Xuetao Pu, Xueke Wang, Wenyu Niu, and Zhiming Song. A fair multi-party contract signing scheme based on off-chain protocols and on-chain smart contracts. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06844-w>.

Wang:2025:NAW

- [380] Chenlu Wang, Xiaoyi Fu, Ziyi Yang, and Shenglin Li. NeuralWiGait: an accurate WiFi-based gait recognition system using hybrid deep learning framework. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06878-0>.

Xu:2025:MCH

- [381] Shuangfei Xu, Zhanjun Huang, Wenhao Bi, and An Zhang. A Monte Carlo hyper-heuristic algorithm with low-level heuristics reward prediction for missile path planning. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06771-w>.

Wang:2025:LLA

- [382] Peipeng Wang, Xiuguo Zhang, and Zhiying Cao. LogSD: log anomaly detection via topic words awareness seman-

tic augmentation and category-guided Mixup data augmentation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06850-y>.

Wu:2025:DDA

- [383] Heng Wu, Zijun Zheng, Laishui Lv, Changchun Zhang, Dalal Bardou, Shanzhou Niu, and Gaohang Yu. Dara: distribution-aware representation alignment for semi-supervised domain adaptation in image classification. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06886-0>.

Qi:2025:IMO

- [384] Mingjun Qi, Xiaochun Wu, Keke Li, and Fenghao Yang. IPAQ: a multi-objective global optimal and time-aware task scheduling algorithm for fog computing environments. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06853-9>.

Jiang:2025:BMB

- [385] Rong Jiang, Hejiao Zhang, Zhiming Song, Shenghu Tian, and Wenlu Lou. T-BFL model based on two-dimensional trust and blockchain-federated learning for medical data sharing. *The Journal of Supercomputing*, 81(2):??, January

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06873-5>.

Darabkh:2025:NGR

- [386] Khalid A. Darabkh, Mamoun F. Al-Mistarihi, and Mera Ismail Al-Maaitah. Next-generation routing for autonomous vehicle networks based on innovative clustering: integrating SDN and fog computing along with AODV upon failure. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06880-6>.

Xing:2025:EEE

- [387] Hongjia Xing, Feng Yang, Xu Qiao, Fanruo Li, and Xinxin Huang. Enhanced end-to-end regression algorithm for autonomous road damage detection. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06871-7>.

Lin:2025:HMD

- [388] Ching-Sheng Lin. A hybrid model for the detection of multi-agent written news articles based on linguistic features and BERT. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

article/10.1007/s11227-024-06882-4.

Chen:2025:KNI

- [389] Bo Chen, Yulin Zhang, Yunming Wang, Rui Tong, Yufeng Chen, Lingdong Sun, and Wenxue Xie. Key node identification method for two-layer fusion networks based on improved structural holes. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06843-x>.

Yu:2025:CAD

- [390] Dongxian Yu, Xiaoyu Zhou, Ali Noorian, and Mehdi Hazratifard. Correction to: An AI-driven social media recommender system leveraging smartphone and IoT data. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06857-5>. See [272].

Zhang:2025:COY

- [391] Yunjie Zhang, Guofeng Gao, Yadong Chen, and Zhenjian Yang. Correction: ODD-YOLOv8: an algorithm for small object detection in UAV imagery. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06829-9>. See [202].

Geng:2025:QEM

- [392] Renxuan Geng, Yuang Guo, Guotao Wang, Yuansong Liu, Bingze Lv, Hui Wang, and Songyi Yu. A qualitative evaluation method for the weight of moving objects within a sealed cavity based on time-frequency spectrogram features. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06717-2>.

Yang:2025:ETT

- [393] Zhimi Yang and Bo Shen. Estimating textual treatment effect via causal disentangled representation learning. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06887-z>.

Xia:2025:MMS

- [394] Pusen Xia, Shengwei Tian, Long Yu, Xin Fan, Zhezhe Zhu, Hualong Dong, Na Qu, Tong Liu, and Xiao Yuan. Mdcnet: multi-scale dynamic spatial information fusion with criticality sampling for point cloud classification. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06838-8>.

Simen:2025:EEQ

- [395] Anton Simen, Rodrigo Bloot, Otto M.

Pires, and Erick G. Sperandio Nascimento. Evolutionary-enhanced quantum supervised learning model. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06875-3>.

Sheng:2025:CTD

- [396] Jinfang Sheng, Yifan Zhang, and Bin Wang. Continuous-time dynamic graph learning based on spatio-temporal random walks. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06881-5>.

Li:2025:DSC

- [397] Meng Li, Bo Yang, Tao Xue, and Shaowei Han. Deep subspace clustering using dual self-expressiveness and convolutional fusion. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06885-1>.

Sultana:2025:ROQ

- [398] Afrin Sultana and Edgard Muñoz-Coreas. Resource optimized quantum squaring circuit. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06876-2>.

Idrees:2025:SAL

- [399] Sara Kadhum Idrees, Joseph Azar, Raphaël Couturier, Ali Kadhum Idrees, and Franck Gechter. SZ4IoT: an adaptive lightweight lossy compression algorithm for diverse IoT devices and data types. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06667-9>.

Zhang:2025:NSD

- [400] Yunsong Zhang, Yuejuan Han, Jianfeng Jiang, and Lantao You. Node-to-set disjoint paths problem in divide-and-swap cube. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06895-z>.

Khala:2025:EML

- [401] Mohamed Khala, Naima El Yanboiy, Ismail Elabbassi, Omar Eloutassi, Mohammed Halimi, Youssef El Hassouani, and Choukri Messaoudi. Enhancing machine learning model for early warning in PV plants: air temperature prediction informed by power temperature coefficient. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06909-w>.

Osmani:2025:FSD

- [402] Nooshin Osmani, Erfan Esmaeeli, and Sorayya Rezayi. Fusion strategies for deep convolutional neural network representations in histopathological image classification. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06663-z>.

Wang:2025:CCCa

- [403] Bo Wang, Rong Jiang, Xuetao Pu, and Hejiao Zhang. An on-chain and off-chain collaborative data sharing and access control model for electronic medical records. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06884-2>.

Li:2025:DLP

- [404] Benchao Li, Ting Wang, and Ruisheng Ran. Discriminant locality preserving projection on Grassmann Manifold for image-set classification. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06904-1>.

Zong:2025:PHT

- [405] Jixiang Zong, Jiulong Wang, Guirun Li, Ruopu Wu, and Di Zhao. Polaris 23: a high throughput neuromorphic processing element by RISC-V customized

instruction extension for spiking neural network (RV-SNN 2.0) and SIMD-style implementation of LIF model with backpropagation STDP. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06826-y>.

Anonymous:2025:JNh

- [406] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNi

- [407] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(1):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Rafieinejad:2025:IAC

- [408] Mohammadreza Rafieinejad, Mohammadreza Binesh Marvasti, Seyyed Amir Asghari, and Kimiya Shahbakhti. Improve accuracy in CNNs while using approximate computing methods. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06901-4>.

Lu:2025:DDH

- [409] Jinkang Lu, Meng Lv, Peixuan Li, Zhu Yuan, and Ping Xie. Dhcache: a dual-hash cache for optimizing the read performance in key-value store.

The Journal of Supercomputing, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06828-w>.

Tourani:2025:STR

- [410] Azadeh Navaei Tourani, Hamid Haj Seyyed Javadi, Hamidreza Navidi, and Arash Sharifi. A study on trust-rating mechanism for WSN node sensors using evolutionary game theory. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06824-0>.

Kumar:2025:FRB

- [411] Shashi Shekhar Kumar, Ritesh Chandra, Anurag Harsh, and Sonali Agarwal. Fuzzy rule-based intelligent cardiovascular disease prediction using complex event processing. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06911-2>.

Chahardoli:2025:ECP

- [412] Meysam Chahardoli, Nafiseh Osati Eraghi, and Sara Nazari. An energy consumption prediction approach in smart cities by CNN-LSTM network improved with game theory and Namib Beetle Optimization (NBO) algorithm. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06811-5>.

Alasiry:2025:CSV

- [413] Areej Alasiry and Mohammed Qayyum. Correction: A smart vista-lite system for anomaly detection and motion prediction for video surveillance in vibrant urban settings. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06877-1>. See [297].

Tang:2025:CCE

- [414] Yiou Tang, Yan Ma, Chunling Xiao, Min Wu, and Guoyuan Zeng. Correction: Classification of EEG event-related potentials based on channel attention mechanism. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06830-2>. See [126].

Jin:2025:RGN

- [415] Yan Jin, Haoyu Shi, and Huaiye Meng. Robust graph neural networks based on feature fusion. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06917-4>.

Zhang:2025:MLT

- [416] Qian Zhang, Chenghao Ji, Mingwen Shao, and Hong Liang. MEKF: long-

tailed visual recognition via multiple experts with knowledge fusion. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06920-9>.

Zhang:2025:EVT

- [417] Qian Zhang, Zuosui Yang, Mingwen Shao, and Hong Liang. An efficient video transformer network with token discard and keyframe enhancement for action recognition. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06927-2>.

Liang:2025:MLN

- [418] Hong Liang, Xian Li, Mingwen Shao, and Qian Zhang. Multi-level navigation network: advancing fine-grained visual classification. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06933-4>.

Ferreira:2025:UDL

- [419] Fernando Rodrigues Trindade Ferreira and Loena Marins do Couto. Using deep learning on microscopic images for white blood cell detection and segmentation to assist in leukemia diagnosis. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06903-2](https://link.springer.com/article/10.1007/s11227-024-06903-2).

Wang:2025:DSM

- [420] Yan Wang, Zheng Gong, Dayu Jia, Aiping Tan, and Minchao Liu. Dynamic sharding model and performance optimization method for consortium blockchain. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06870-8>.

Huang:2025:MTS

- [421] Nana Huang, Hongwei Ding, Ruimin Hu, Pengfei Jiao, Zhidong Zhao, Bin Yang, and Qi Zheng. Multi-time-scale with clockwork recurrent neural network modeling for sequential recommendation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06925-4>.

Liu:2025:TTD

- [422] Tao Liu, Chenyoukang Lin, Yunteng Hu, Ruyi Cao, and Wendong Zhang. Traffic target detection based on context enhancement and feature purification. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06944-1>.

Sun:2025:LLA

- [423] Yuheng Sun, Zhenping Lan, Yanguo Sun, Yuepeng Guo, Xinxin Li, Yuru Wang, and Bo Li. Ldstd: low-altitude drone aerial small target detector. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06950-3>.

Li:2025:SDD

- [424] Biao Li, Bing Wang, Xiong Hu, Jianhui Zhai, and Changping Ji. A small defect detection technique for industrial product surfaces based on the EA-YOLO model. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06929-0>.

Chen:2025:MMS

- [425] Wuqi Chen, Junjie Ye, Chunna Zhao, and Yaqun Huang. MFFCNN: multi-scale fractional Fourier transform convolutional neural network for multivariate time series forecasting. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06888-y>.

Xue:2025:EOW

- [426] Wenjin Xue, Guowei Xu, Nan Yang, and Jian Liu. Enhancing open-world object detection with AIGC-

generated datasets and elastic weight consolidation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06910-3>.

Cardama:2025:RIR

- [427] F. Javier Cardama, Jorge Vázquez-Pérez, César Piñeiro, Juan C. Pichel, Tomás F. Pena, and Andrés Gómez. Review of intermediate representations for quantum computing. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06892-2>.

Khah:2025:CHM

- [428] Yashar Pourardebil Khah, Mirsaeid Hosseini Shirvani, and Homayun Motameni. Correction: A hybrid machine learning approach for feature selection in designing intrusion detection systems (IDS) model for distributed computing networks. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06869-1>. See [254].

Huang:2025:PPL

- [429] Qiongyan Huang, Yuhan Xia, Yunfei Long, Hui Fang, Ruiwei Liang, Yin Guan, and Ge Xu. Prompt4LJP: prompt learning for legal judgment prediction. *The Journal of Supercomputing*, 81(2):??, January 2025.

CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06945-0>.

Peng:2025:TPP

- [430] Tianqi Peng, Bei Gong, and Pengxuan Sun. Toward privacy-preserving verifiable DSSE for attribute-based cloud computing system. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06912-1>.

Eufracio:2025:RBF

- [431] Alfredo Cisneros Eufracio, Roberth Saenz Perez Alvarado, Jimmy Aurelio Rosales Huamani, Uwe Rojas Villanueva, Jose Luis Castillo Sequera, and Jose Manuel Gomez Pulido. Rock block fall prediction prototype by structural control applied to slopes using quantum machine learning (QML). *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06913-0>.

Alahmed:2025:ADL

- [432] Hiba A. Alahmed and Ghaida A. Al-Suhail. AlzONet: a deep learning optimized framework for multi-class Alzheimer’s disease diagnosis using MRI brain imaging. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-025-06924-5](https://link.springer.com/article/10.1007/s11227-025-06924-5).

Mishra:2025:CWG

- [433] Sanjukta Mishra, Samarjit Kar, and Parag Kumar Guhathakurta. Cloud-WAVECAP: Ground-based cloud types detection with an efficient wavelet-capsule approach. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06941-4>.

Li:2025:LSQ

- [434] Ruoxia Li, Linli Si, and Jinde Cao. Lagrange stability of quaternion-valued memristive neural networks on time scales: linear optimization method. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06914-z>.

Darabkh:2025:LFC

- [435] Khalid A. Darabkh, Mamoun F. Al-Mistarihi, and Bayan Abdallah Odat. Leveraging fog computing and software-defined networking for a novel velocity-aware routing protocol with election and handover thresholds in VANETs. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06883-3>.

Lopez:2025:IEP

- [436] Marta López, Esteban Stafford, and Jose Luis Bosque. Intelligent energy pairing scheduler (InEPS) for heterogeneous HPC clusters. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06907-y>.

Campos:2025:EDF

- [437] Cristian Campos, Rafael Asenjo, and Angeles Navarro. Exploring data flow design and vectorization with oneAPI for streaming applications on CPU+GPU. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06891-3>.

Liang:2025:MMS

- [438] Hong Liang, Cuiping Wang, Mingwen Shao, and Qian Zhang. MAQT: multi-scale attention and query-optimized transformer for end-to-end pose estimation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06923-6>.

Liu:2025:CPS

- [439] Jianhang Liu, Chunxing Xia, Xuerong Cui, and Haibo Wu. CPCS: a perception sharing scheme of vehicle-road cooperation based on cybertwin. *The Journal*

of Supercomputing, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06939-y>.

Li:2025:DDM

- [440] Pei Li, Tong Bai, Xiaoying Pan, and Chengyu Zuo. Defocus deblur method of multi-scale depth-of-field cross-stage fusion image based on defocus map forecast. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06934-3>.

Safi-Esfahani:2025:LWH

- [441] Faramarz Safi-Esfahani, Leili Mohammadhoseini, Habib Larian, and Seyedali Mirjalili. LEVYEFO-WTMTOA: the hybrid of the multi-tracker optimization algorithm and the electromagnetic field optimization. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06856-6>.

Yang:2025:MRS

- [442] Xiaonan Yang, Zuoxi Zhao, Kai Yuan, Can Xiao, and YangFan Luo. Mobile recognition system for multinational currencies based on CA-DSC-RepVGG algorithm. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-025-06936-1>.

Zhang:2025:IJA

- [443] Qiwen Zhang and Tian Zhen. Improved Jaya algorithm for energy-efficient distributed heterogeneous permutation flow shop scheduling. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06938-z>.

Zangeneh:2025:NSC

- [444] Iman Zangeneh, Amir Massoud Bidgoli, and Ardeshir Dolati. Novel solution of the controller and backup controller placement problem for improving reliability in IoT-based data monitoring systems. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06846-8>.

Nascimento:2025:AAS

- [445] Erick Nascimento, Luan Lins, Eduardo Tavares, Paulo Pereira, Jamilson Dantas, Sokol Kosta, and Paulo Maciel. Availability assessment of SDN-ICN service for multi-access edge computing. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06879-z>.

Prasad:2025:BDG

- [446] Chandrabhushan Prasad, Sri Khetwat Saritha, and Sweta Jain. Bilinear diffusion graph convolutional network model for social recommendation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06930-7>.

Zaimi:2025:EMM

- [447] Rania Zaimi, Khoulood Safi Eljil, Mohamed Hafidi, Mahnane Lamia, and Farid Nait-Abdesselam. An enhanced mechanism for malicious URL detection using deep learning and DistilBERT-based feature extraction. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06908-x>.

Wu:2025:GHF

- [448] Chengmao Wu and Siyu Zhou. Generalized harmonic fuzzy partition C -means clustering. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06723-4>.

Li:2025:MOE

- [449] Wei Li, Wenhao Tang, and Lei Wang. Many-objective evolutionary algorithm based on dynamic mating and strengthened fitness selection mechanism. *The Journal of Supercomputing*, 81(2):??,

January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06821-3>.

Dong:2025:APB

- [450] Jian Dong, Wei Bao, Xiaoqi Cao, Yang Xu, Yuze Yang, Binbin Li, Qi Zhang, and Heng Ye. AIS-Bench: an performance benchmark for AI server systems. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06778-3>.

Vazquez-Perez:2025:IIC

- [451] Jorge Vázquez-Pérez, F. Javier Cardama, César Piñeiro, Juan C. Pichel, Tomás F. Pena, and Andrés Gómez. Inqasm: InQuIR compiler to NetQASM. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06955-y>.

Aymaz:2025:UPO

- [452] Samet Aymaz. Unlocking the power of optimized data balancing ratios: a new frontier in tackling imbalanced datasets. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06919-2>.

Xiao:2025:MDD

- [453] Junbi Xiao, Ruifeng Sun, and Jianhang Liu. MLDDoS: a distributed denial of service attack detection method using multi-level sketch. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06942-3>.

Tondreau:2025:SDH

- [454] Pierre-Simon Callist Yannick Tondreau, Juan C. Perez, Juan P. Díaz, Vicente Blanco Pérez, and Jonatan Felipe. Singularity to deploy HPC applications: a study case with WRF. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06893-1>.

Alkhudhayr:2025:MCR

- [455] Hanadi Alkhudhayr and Hanin Ardah. Mitigating cyberphysical risks in IoT-enabled smart transport infrastructure. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06948-x>.

Kong:2025:CRS

- [456] Dekun Kong and Wenguang Yang. Correction: Research on site selection of emergency material reserve based on set pair analysis and TOPSIS integration method: a case study of

Hebei Province, China. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06971-y>. See [358].

Huang:2025:LHD

- [457] Hong Huang, Wengang Luo, Yunfei Wang, Yinghang Zhou, and Weitao Huang. LogCTBL: a hybrid deep learning model for log-based anomaly detection. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06926-3>.

Anonymous:2025:JNj

- [458] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(2):??, January 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Fu:2025:MMS

- [459] Youjia Fu, Zihao Xu, Junsong Fu, Huixia Xue, Shuqiu Tan, Lei Li, and Shaoxun Qing. Monomm: a Multi-scale Mamba-Enhanced network for real-time monocular 3D object detection. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06946-z>.

Pastor:2025:CDB

- [460] Alfred M. Pastor, Jose M. Badia, and Maribel Castillo. A commu-

nity detection-based parallel algorithm for quantum circuit simulation using tensor networks. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06918-3>.

Suarez:2025:KCB

- [461] Daniel Suárez, Francisco Almeida, Vicente Blanco, and Pedro Toledo. KubePipe: a container-based high-level parallelization tool for scalable machine learning pipelines. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06956-x>.

Raul:2025:CGC

- [462] Nozal Raúl and Jose Luis Bosque. CPU-GPU co-execution through the exploitation of hybrid technologies via SYCL. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06963-y>.

Yanamala:2025:FAH

- [463] Rama Muni Reddy Yanamala and Muralidhar Pullakandam. FPGA-accelerated hybrid CNN-LSTM system for efficient EEG-based drowsiness recognition. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-025-06947-y>.

Zhang:2025:FIE

- [464] Xuncai Zhang, Mengrui Liu, and Ying Niu. Facial image encryption scheme based on improved 4-D hyperchaotic system. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06943-2>.

Roh:2025:HQC

- [465] Emily Jimin Roh, Joo Yong Shim, Joongheon Kim, and Soohyun Park. Hybrid quantum-classical 3D object detection using multi-channel quantum convolutional neural network. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06968-7>.

Zhou:2025:SRF

- [466] Sizhong Zhou, Zhiren Sun, and Yuli Zhang. Spectral radius and k -factor-critical graphs. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06902-3>.

Zhao:2025:PSM

- [467] Shengsheng Zhao, Yantao Yu, Tiancong Huang, Guojin Liu, and Yucheng Wu.

Pricing strategies in mobile crowdsensing: an enhanced MAPPO approach using a behavior network. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06957-w>.

Liu:2025:MSE

- [468] Tianbao Liu and Zhe Feng. Multi-strategy enhanced dandelion optimizer based on elliptic approximation strategy and adaptive fitness-distance-similarity balance for solar photovoltaic parameter estimation. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06899-9>.

Xiao:2025:JCO

- [469] Qimu Xiao and Mingyu Xiao. Joint computation offloading and resource allocation in multi-cell MEC networks. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06921-8>.

Xiong:2025:ORT

- [470] Zhi Xiong, Linhui Tan, Jianlong Xu, and Lingru Cai. Online real-time energy consumption optimization with resistance to server switch jitter for server clusters. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-024-06827-x>.

Zhang:2025:NSS

- [471] Shengcai Zhang, Zhiying Fu, Dezhi An, and Huiju Yi. Network security situation assessment based on BKA and cross dual-channel. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06932-5>.

Nguyen:2025:CBA

- [472] Da-Thao Nguyen, Thanh-Phuong Nguyen, and Ming-Yuan Cho. Cloud-based AIoT intelligent infrastructure for firefighting pump fault diagnosis-based hybrid CNN-GRU deep learning technique. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06965-w>.

Ismail:2025:OSB

- [473] Nabil A. Ismail, Shaimaa Abu Khadra, Gamal M. Attiya, and Salah Eldin S. E. Abdulrahman. Optimizing SIKE for blockchain-based IoT ecosystems with resource constraints. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06906-z>.

Atencia:2025:PQO

- [474] Javier Ruiz Atencia, Otoniel Mario López Granado, Manuel Pérez Malumbres, and Miguel Onofre Martínez-Rach. Perceptual QP optimization for VVC with dual hybrid neural networks. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06954-z>.

Nunez-Chongo:2025:CDD

- [475] Osiris Núñez-Chongo, Hernán Asorey, Antonio Juan Rubio-Montero, Mauricio Suárez-Durán, Rafael Mayo-García, and Manuel Carretero. Convergent data-driven workflows for open radiation calculations: an exportable methodology to any field. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06894-0>.

Wen:2025:VOD

- [476] Jia Wen, Qi Zhang, and Guanghao Zhang. VPSNet: 3D object detection with voxel purification and fully sparse convolutional networks. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06890-4>.

Yang:2025:SVI

- [477] Qimeng Yang, Hao Meng, Yuanbo Yan, Shisong Guo, and Qixing Wei.

SFVE: visual information enhancement metaphor detection with multi-modal splitting fusion. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06958-9>.

Kim:2025:PEI

- [478] Suhri Kim, Youngdo Lee, and Kisoon Yoon. Performance evaluation of isogeny-based digital signature algorithms: introducing FIBS-fast isogeny-based digital signature*. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06970-z>.

Roselin:2025:DDL

- [479] J. Roselin and Israelin J. Insulata. Decentralized dynamic load balancing for virtual machines in cloud computing: a blockchain-enabled system with state channel optimization. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06922-7>.

Zheng:2025:CGG

- [480] Zhiwen Zheng, Xiaoyun Chen, and Musheng Huang. Cluster-guided graph attention auto-encoder. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-025-06953-0](https://link.springer.com/article/10.1007/s11227-025-06953-0).

Zhou:2025:PLA

- [481] Zhuguo Zhou, Yujun Lu, and Liye Lv. Pallet localization algorithm based on improved human pose estimation with transfer learning. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06973-w>.

Vicente-Jaen:2025:VRT

- [482] Arturo Vicente-Jaén, Juan Mompeán, Juan L. Aragón, and Pablo Artal. Vol-Rec: 4D real-time volumetric reconstruction of OCT data. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06969-6>.

Fang:2025:DRC

- [483] Juan Fang, Haoyu Cheng, Yuening Wang, and Ran Zhai. DRCD: a regional-contention-driven arbitration policy for CPU-GPU heterogeneous systems. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07001-7>.

Kirubavathi:2025:DMT

- [484] G. Kirubavathi, I. R. Sumathi, J. Mahalakshmi, and Durgesh Srivastava. Detection and mitigation of TCP-based

DDoS attacks in cloud environments using a self-attention and intersample attention transformer model. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06940-5>.

Tolun:2025:CBM

- [485] Ömer Can Tolun, Kasim Zor, and Onder Tutsoy. A comprehensive benchmark of machine learning-based algorithms for medium-term electric vehicle charging demand prediction. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06975-8>.

Wang:2025:ERD

- [486] Youwei Wang, Lizhou Feng, and Yan Zhang. Early rumor detection method based on stage sampling and triple-relationship graph. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06959-8>.

Cui:2025:PES

- [487] Mengqi Cui, Jinchen Xu, Yuchang Zhou, Hongru Yang, Liguang Ji, and Bei Zhou. PESA: error sensitivity analysis tool for floating-point computational programs. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

URL <https://link.springer.com/article/10.1007/s11227-025-06962-z>.

Shao:2025:RFF

- [488] Changshun Shao, Zhenglin Yu, Hongchang Ding, Guohua Cao, Jingsong Duan, and Bin Zhou. A random flight-follow leader and reinforcement learning approach for flexible job shop scheduling problem. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06935-2>.

Hasani:2025:MQP

- [489] Mehri Hasani, Masoud Ghods, Sourav Mondal, Muhammad Kamran Siddiqui, and Imran Zulfiqar Cheema. Modeling QSPR for pyelonephritis drugs: a topological indices approach using MATLAB. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06967-8>.

Cao:2025:CFM

- [490] Zhipeng Cao, Nianmin Yao, Linqi Meng, Jingyi Fang, and Jian Zhao. Coarse-to-fine medical image registration with landmarks and deformable networks. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07000-8>.

Zhang:2025:SSA

- [491] Yuxin Zhang, Jiazheng Wen, Ran Wu, Huanyu Liu, and Junbao Li. **Siamsdt**: a self-adaptive dynamic template siamese network for airborne visual tracking of MAVs on heterogeneous FPGA-SoC. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06928-1>.

Mashayekhi:2025:DEE

- [492] Negin Mashayekhi, Ghassem Jaberipur, Mohammad Reza Reshadinezhad, and Shekoofeh Moghimi. Design of energy-efficient and high-speed hybrid decimal adder. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06897-x>.

He:2025:IDM

- [493] Fuchun He, Chunming Fu, Youwei He, Shaoyong Huo, Jiachang Tang, and Xianguyun Long. Improved dwarf mongoose optimization algorithm based on hybrid strategy for global optimization and engineering problems. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06931-6>.

Nieves-Perez:2025:CEE

- [494] Isidoro Nieves-Pérez, Alfonso Muñoz,

Francisco Almeida, and Vicente Blanco. Correction: Energy efficiency and performance analysis of a legacy atomic scale materials modeling simulator (VASP). *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06976-7>.

Narwaria:2025:RER

- [495] Abhishek Narwaria, Varsha Kumari, and Arka Prokash Mazumdar. RL-EAR: reinforcement learning-based energy-aware routing for software-defined wireless sensor network. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06998-1>.

Lan:2025:EIA

- [496] Yu Lan, Hui Huang, Zhenjie Huang, Qunshan Chen, and Shuaike Wu. ERBFT: improved asynchronous BFT with erasure code and verifiable random function. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06995-4>.

Qiu:2025:MRC

- [497] Hong Qiu, Wentao Yu, Gan Zhang, Xuan Xia, and Kun Yao. Multi-robot collaborative 3D path planning based on game theory and particle swarm optimization hybrid method. *The Journal*

of *Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06960-1>.

Zhang:2025:TBF

- [498] Dabin Zhang, Zehui Yu, Zhimei Zeng, Boting Zhang, Ruibin Lin, and Huanling Hu. A text-based framework for carbon price forecasting via multivariate temporal graph neural network. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06974-9>.

Tang:2025:CFS

- [499] Yu Tang, Qi Dai, Ye Du, Tian shuai Zheng, and Mei hong Li. Capsule feature selector for software defect prediction. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06949-w>.

Shao:2025:SSS

- [500] Yunxue Shao, Zhiyang Wang, and Lingfeng Wang. SSIM: self-supervised learning method based on spatially selected shifts and irregular image masking. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07013-3>.

Meng:2025:GAM

- [501] Yi Meng, Nurbol Luktarhan, Xiaotong Yang, and Guodong Zhao. GBADroid: an Android malware detection method based on multi-view feature fusion. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06977-6>.

Zhang:2025:UAP

- [502] Heng Zhang, Yang Peng, and Yan li Liu. UAV aerial photography target detection based on improved YOLOv9. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06991-8>.

Dang:2025:EPP

- [503] Lanxue Dang, Zan Li, Shilong Li, Baojun Qiao, and Liming Zhou. Effective plug-and-play lightweight modules for YOLO series models. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07026-y>.

Ma:2025:TTF

- [504] Siwei Ma, Ronghua Li, and Henan Hu. Train track fastener defect detection algorithm based on MGSF-YOLO. *The Journal of Supercomputing*, 81(3):??, February 2025.

CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07024-0>.

Wan:2025:VFA

- [505] Junhang Wan, Yanping Chen, and Cong Gao. The VAE-FastGA anomaly detection model based on subspace and weakly correlated ultra-high-dimensional data. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06988-3>.

Zhang:2025:EQG

- [506] Yu Zhang, Lu Lu, Rong Zhao, Yijie Guo, and Zhanyu Yang. An efficient quantized GEMV implementation for large language models inference with matrix core. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06993-6>.

Chen:2025:OCA

- [507] Zigang Chen, Zhenjiang Zhang, Tao Leng, Haihua Zhu, and Yuhong Liu. Outsourcing collaboration analysis of multiparty privacy data using the improved Yannakakis. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06994-5>.

Wu:2025:QRB

- [508] Faguo Wu, Bo Zhou, Jiale Song, and Lijia Xie. Quantum-resistant blockchain and performance analysis. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07018-y>.

Bao:2025:GCG

- [509] Qingda Bao, Shengfa Miao, Yulin Tian, Xin Jin, Puming Wang, Qian Jiang, Shaowen Yao, Da Hu, and Ruoshu Wang. GDRNet: a channel grouping based time-slice dilated residual network for long-term time-series forecasting. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07011-5>.

Ma:2025:GAT

- [510] Minyi Ma, Hongfang Gong, and Yingjing Ding. Graph affine transformer with a symmetric adaptation strategy for text classification. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06992-7>.

Luo:2025:AFD

- [511] Mao Luo, Xianhong Liu, Xinyun Wu, Caiquan Xiong, and Yuanzhi Ke. An adaptive focal distance tabu search approach for the minimum 2-connected

dominating set problem. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07014-2>.

Basarslan:2025:MCB

- [512] Muhammet Sinan Basarslan. M-C&M-BL: a novel classification model for brain tumor classification: multi-CNN and multi-BiLSTM. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06964-x>.

Esfandiari:2025:IIN

- [513] Shima Esfandiari and Seyed Mostafa Fakhrahmad. Identifying influential nodes in complex networks by adjusted feature contributions and neighborhood impact. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06645-1>.

Zhong:2025:PPR

- [514] Jie Zhong, Juan Chen, Zongling Wu, Peng Chen, Di Tian, and Xi Li. P2PPO: parallel residual network and prioritized experience replay enhanced PPO for task offloading and resource allocation in SatEC. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-024-06900-5](https://link.springer.com/article/10.1007/s11227-024-06900-5).

Zhou:2025:AYS

- [515] Wentao Zhou, Chengtao Cai, Sutthiphong Srigrarom, Pengfei Wang, Zijian Cui, and Chenming Li. ADH-YOLO: a small object detection based on improved YOLOv8 for airport scene images in hazy weather. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06999-0>.

Anonymous:2025:JNk

- [516] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

Anonymous:2025:JNl

- [517] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(3):??, February 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).

AlDawi:2025:ABA

- [518] Abdelaziz Al Dawi, Necmi Serkan Tezel, Javad Rahebi, and Ayhan Akbas. An approach to botnet attacks in the fog computing layer and Apache Spark for smart cities. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06915-y>.

Yu:2025:MSM

- [519] Changhong Yu and Mingxuan Zhang. M²SSCENet: a multi-branch multi-scale network with spatial-spectral cross-enhancement for hyperspectral and LiDAR data classification. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07096-y>.

Zhu:2025:HHS

- [520] Heming Zhu, Hao Li, and Gehao Lu. HSVDetector: a heterogeneous semantic graph-based method for smart contract vulnerability detection. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06951-2>.

Jiang:2025:EEC

- [521] Chenyang Jiang, Zhendong Li, Jun Yang, Yiqiang Wu, and Shuai Li. Effective and efficient conditional contrast for data-free knowledge distillation with low memory. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07115-y>.

Niu:2025:MFF

- [522] Yakun Niu, Xiangru Chen, and Hongjian Yin. Median filtering forensics using spatial and frequency domain residuals. *The Journal of Su-*

percomputing, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07099-9>.

Tong:2025:SYS

- [523] Haoyang Tong, Dongyang Gao, Zhixu Wang, Longlong Feng, Yue Li, and Xuewei Bai. SGB-YOLOv5: straw granulator blockage monitoring system. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07079-z>.

Xia:2025:STS

- [524] Wenyuan Xia, Qing Zhou, Dayu Wu, Siyuan Wang, and Mengshuang Zhou. A scalable two-stage model for real-time wetland bird recognition. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07061-9>.

Li:2025:MNM

- [525] Peng Li, Zhanao Huang, Yan Li, Yi Kou, and Xiaojie Li. Mfe-net: a multiscale feature enhanced network for mesoscale convective systems identification. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07065-5>.

Qin:2025:LSM

- [526] Chuandong Qin, Yiqing Zhang, and Yu Cao. Large-scale machine learning with synchronous parallel adaptive stochastic variance reduction gradient descent for high-dimensional blindness detection on Spark. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07046-8>.

Ye:2025:GIG

- [527] Pengdong Ye, Yanhua Liang, Yutao Bie, Guihe Qin, Jiaru Song, Yingqing Wang, and Wanning Liu. GDT-IDS: graph-based decision tree intrusion detection system for controller area network. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07116-x>.

Gheibi-Fetrat:2025:SSS

- [528] Atiyeh Gheibi-Fetrat, Fatemeh Serajeh Hassani, Masoud Mohammadi-Lak, Amir Mirzaei, Negar Akbarzadeh, Mahmoud Reza Kheyrafi-Fard, Mohammad Hosseini, Ahmad Javadi Nezhad, Arash Tavakkol, Jeong A. Lee, and Hamid Sarbazi-Azad. A survey of SSD simulators and emulators. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07078-0>.

Li:2025:HPA

- [529] Runhua Li, Qinglin Wang, and Jie Liu. A heterogeneous parallel algorithm for the Cartesian discrete ordinates for multizone heterogeneous system. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07087-z>.

Wang:2025:AAP

- [530] Ziheng Wang, Zixuan Shao, Baowei Wang, and Xu Cheng. APPBoost: an adaptive parameter pair boosting algorithm for enhanced robustness against noise and imbalance. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07053-9>.

Li:2025:DSS

- [531] Shouliang Li, Rudong Min, Jilong Zhang, Jiale Han, Yulin Shen, Zhen Yang, and Yi Yang. A digital signature scheme based on general Chebyshev polynomial. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07074-4>.

Sun:2025:KEN

- [532] Pengfei Sun, Zhiping Wang, Liyan Jia, and Xiaoxi Wang. KSIPF: an effective noise filtering oversampling method based on k -means and

iterative-partitioning filter. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07081-5>.

Rezaei:2025:MNH

- [533] Azita Rezaei, Ali Broumandnia, and Seyed Javad Mirabedini. MLS: a novel hybrid security framework utilizing the Wiedemann algorithm and chaotic mapping for MQTT. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-024-06858-4>.

Lawrence:2025:DSH

- [534] Linju Lawrence and R. Shreelekshmi. Double salted HMAC signature with blockchain for faster and secure video integrity verification. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06996-3>.

Zhang:2025:DMO

- [535] Zhibo Zhang, Huiqiang Wang, Rongqiang Li, Hongwu Lv, and Dongmiao He. DQN-MSRA: an online SFC deployment method based on multistep reinforcement learning. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/>

[article/10.1007/s11227-025-07042-y](https://link.springer.com/article/10.1007/s11227-025-07042-y).

Turkmen:2025:SSC

- [536] Muhammed Türkmen, Canan Çiftçi, and Gülnaz Boruzanlı Ekinci. Structure and substructure connectivity of folded divide-and-swap cube. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07100-5>.

delaRosa:2025:QSP

- [537] Miguel Sánchez de la Rosa, Gabriel Gomez-Lopez, Francisco J. Andújar, Jesús Escudero-Sahuquillo, José L. Sánchez, Francisco J. Alfaro-Cortés, and Pierre-Axel Lagadec. Quality-of-service provision for BXIV3-based interconnection networks. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07069-1>.

Genc:2025:IAC

- [538] Hasan Genç, Canan Koç, Esra Yüzgeç Özdemir, and Fatih Özyurt. An innovative approach to classify meniscus tears by reducing vision transformers features with elasticnet approach. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07103-2>.

Gao:2025:SCL

- [539] Jianbang Gao, Yuxiao Guo, and Guowang Gao. Sim-ConvFormer: a lightweight fault diagnosis framework incorporating SimAM and external attention. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07075-3>.

Huang:2025:CFS

- [540] Weidi Huang, Zhiqiang Yao, Biao Jin, Zheyu Chen, and Yue Wang. Controllable face soft-biometric privacy enhancement based on attribute disentanglement. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07134-9>.

Yan:2025:SCB

- [541] Xiao Yan, Fan Xiumei, Kok-Lim Alvin Yau, Xie Zhixin, and Men Rui. Semantic communication based on bi-level routing attention in IoT environment. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07062-8>.

Fu:2025:DAD

- [542] Honghao Fu and Yidong Chen. Data augmentation and debiasing for signers in signer-independent sign language translation. *The Journal of Su-*

percomputing, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07119-8>.

Yao:2025:DEG

- [543] Ruiyang Yao. Dual-enhanced graph convolutional networks for aspect-based financial sentiment analysis. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06972-x>.

Qin:2025:SID

- [544] Qiurong Qin, Yueqin Li, Yajie Mi, Jinhui Shen, Kexin Wu, and Zhenzhao Wang. Sql injection detection algorithm based on Bi-LSTM and integrated feature selection. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07109-w>.

Yang:2025:MSG

- [545] Wenbiao Yang, Tingfeng Lai, and Yuhui Fang. Multi-Strategy Golden Jackal Optimization for engineering design. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07106-z>.

Zhang:2025:SGR

- [546] Zhi-Yuan Zhang, Hao Ren, Hao Li, Kang-Hui Yuan, and Chu-Feng Zhu. Static gesture recognition based on thermal imaging sensors. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07140-x>.

Khanal:2025:DDG

- [547] Bikram Khanal and Pablo Rivas. Data-dependent generalization bounds for parameterized quantum models under noise. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06966-9>.

Siqueira:2025:APM

- [548] Hadley Siqueira and Marcio Kreutz. AccPRET: a proposal of a multicore architecture with reconfigurable accelerators and time predictability. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07131-y>.

Shrestha:2025:SAO

- [549] Susav Shrestha, Aayush Gautam, and Narasimha Reddy. Storage access optimization for efficient GPU-centric information retrieval. *The Journal of Supercomputing*, 81(4):??, March

2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07118-9>.

Saif:2025:ERC

- [550] Abdu Saif, Nor Shahida Mohd Shah, Yahya M. Al-Moliki, Weiwei Jiang, and Saeed Hamood Alsamhi. Enhancing resilience communication in B5G: optimal deployment of tethered networked flying platforms for disaster recovery. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07098-w>.

Li:2025:AMA

- [551] Yi Li, Wenying Zheng, and Sai Ji. AI model auditing scheme towards cloud-edge high-performance computing. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07121-0>.

Li:2025:RMP

- [552] Peng Li, Xinru Zhu, Xiaoshan Li, and Baofeng Huo. Research on mitigating popularity bias in federal recommendation based on users' behavior. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07144-7>.

Chuang:2025:ENI

- [553] Po-Jen Chuang and Pang-Yu Huang. Enhancing network intrusion detection by employing Mondrian forests to achieve multiple attack classification. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07123-y>.

Pasini:2025:STT

- [554] Massimiliano Lupo Pasini, Jong Youl Choi, Kshitij Mehta, Pei Zhang, David Rogers, Jonghyun Bae, Khaled Z. Ibrahim, Ashwin M. Aji, Karl W. Schulz, Jordà Polo, and Prasanna Balaprakash. Scalable training of trustworthy and energy-efficient predictive graph foundation models for atomistic materials modeling: a case study with HydraGNN. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07029-9>.

Bozorgi:2025:SRR

- [555] Erika Bozorgi, Sakher Khalil Alqaaidi, Afsaneh Shams, Hamid Reza Arabnia, and Krzysztof Kochut. A survey on the recent random walk-based methods for embedding graphs. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07019-x>.

Anjali:2025:DCM

- [556] Anjali Anjali and Anjana Gupta. Dynamic cloud model based on decision field theory. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-06989-2>.

Mestre:2025:DLI

- [557] Jose I. Mestre, Sergio Barrachina, Darwin Quezada, and Manuel F. Dolz. Deep learning inference optimisation for IoT: Conv2D-ReLU-BN layer fusion and quantisation. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07107-y>.

Ning:2025:TYL

- [558] Zhaole Ning, Tianze Zhang, Xin Li, Aiyi Wu, and Gang Shi. Tp-yolov8: a lightweight and accurate model for traffic accident recognition. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07129-6>.

Tang:2025:ADA

- [559] Yayuan Tang, Suchi Mishra, Noha Al-duaiji, Piyush Kumar Shukla, Mohammad Yahya, and Tao Pang. An advanced data analytics approach to a cognitive cyber-physical system for the identification and mitigation of

cyber threats in the medical internet of things (MIoT). *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07093-1>.

Zhang:2025:PIM

- [560] Yulei Zhang, Guangli Zhu, Yuanyuan Ding, Zhongliang Wei, Lei Chen, and Kuan-Ching Li. A progressive interaction model for multimodal sarcasm detection. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07110-3>.

Xu:2025:VBI

- [561] Haixia Xu, Yuting Xu, and Kaiyu Hu. A vision-based inspection system for pharmaceutical production line. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07135-8>.

Wang:2025:ACR

- [562] Zhihang Wang, Jiafei Liu, Chia-Wei Lee, Jingli Wu, and Gaoshi Li. An analysis on component reliability of (n, k) -star networks. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07128-7>.

Wu:2025:AFF

- [563] Jun Wu, Yajing Zhang, Tengfei Shan, Zhiwei Xing, Jiusheng Chen, and Runxia Guo. An additive feature fusion attention based on YOLO network for aircraft skin damage detection. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07148-3>.

Rafiee:2025:TMS

- [564] Mojtaba Rafiee. Toward more secure constructions of flexible multi-client functional encryption schemes. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07112-1>.

Hoorfar:2025:TIE

- [565] Hamid Hoorfar, Adam C. Puche, and Istvan Merchenthaler. Thermal image edge detection for AI-powered medical research imaging. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07050-y>.

Zhou:2025:SYS

- [566] Weina Zhou, Yuqi Yang, Ming Zhao, and Wenhua Hu. SCNet-YOLO: a symmetric convolution network for multi-scenario ship detection based on YOLOv7. *The Journal of Supercomputing*, 81(4):??, March 2025.

CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).
 URL <https://link.springer.com/article/10.1007/s11227-025-07120-1>.

Khalid:2025:DLT

- [567] Maira Khalid, Jehad Ali, Ahmed Raza Mohsin, Byeong hee Roh, and Mohammed J. F. Alenazi. Deep learning techniques for enhanced security and privacy in 6G terrestrial-nonterrestrial network architecture. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL <https://link.springer.com/article/10.1007/s11227-025-07097-x>.

Anonymous:2025:JNm

- [568] Anonymous. Journal navigation. *The Journal of Supercomputing*, 81(4):??, March 2025. CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic).