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## Title word cross-reference

**#09111** [1814]. **#AM01053M**  
[1862, 1877, 1904]. **#better\_5X8\_els** [1856].  
**#better\_5X8\_els.pdf** [1856]. **#BIS** [3184].  
**#BIS-hardness** [3184]. **#CSP**  
[2696, 2908, 2500, 3508]. **#econdirectM**  
[1893]. **#HA03022M** [1860, 1875].  
**#HA05062N** [1876]. **#HA05062O**  
[1849, 1861]. **#HA06043M**  
[1892, 1871, 1889]. **#HA08111M** [1846].  
**#P** [1195, 3598, 1261, 1264].  
**#praise\_5X8\_els.pdf** [1832].  
**#sciencejobs\_N** [1802].  
  
**#P** [1373].  $(1 + 1/\dim \epsilon)$  [1590].  $(1 \pm \epsilon)$   
[3581].  $(2 - 7/(3p + 1))$  [2414].  $(2^m)$  [1306].  
 $(s, t)$  [1475].  $0(n)$  [1160]. 1 [270].  $1 - L$   
[1371, 924].  $12n^2$  [450]. 2

[3525, 3184, 3798, 2191, 1048, 3402, 1500,  
3364, 2034, 2993, 834, 2473, 3101].  $\{2, 3\}$   
[2843].  $2 - \epsilon$  [2353].  $2^{0.802n}$  [3693].  $2^{2^{pn}}$   
[445].  $2^{O(n^{1/3})}$  [1977]. 3 [1920, 3773, 2242,  
2827, 2374, 1961, 2825, 3240, 1071, 1133].  
 $4 + \epsilon$  [3670]. 43 [3620].  $4 \cdot \text{Log}_2 N$  [655].  $5/4$   
[1612]. 8 [2998].  $=?$  [1433].  $*$  [858].  $^0$   
[1625, 3418, 1085].  $^1$  [1523].  $*$  [3194].  $^{NP}$   
[2235].  $^{NP[O(\log n)]}$  [995].  $\frac{p}{2} \subseteq [2235]$ .  $^{PH}$   
[1501].  $^2$  [3418].  $^H$  [1565].  $^p$  [3693].  $^a$   
[426, 289].  $A[P(x), 2x, x + 1]$  [500].  
 $Ax = \lambda Bx$  [377].  $b$  [3253].  $\beta$  [3444].  $\cdot$  [3418].  
 $d$  [2527, 3843, 3854, 1362, 3256, 3563].  $\delta$   
[3553].  $\ell_p$  [2154].  $\epsilon$  [1551, 2617, 1864, 1693].  $g$   
[3858, 3312].  $H$  [3727, 3701, 1019].  $K$  [1320,  
2756, 191, 3494, 1300, 1546, 3286, 2357, 3085,  
3869, 3590, 1788, 2535, 1940, 199, 2491, 3803,  
3256, 1188, 3603, 3754, 961, 3252, 3394, 1681,  
1398, 2805, 3506, 3670, 630, 2690, 1339, 585].



$L$  [541, 433, 314].  $L = \{a^{2^i}; i \geq 0\}$  [772].  $L_\infty$  [3358, 1736, 2474].  $L_p$  [3344].  $\lambda$  [2997].  $\log^* n + O(1)$  [1735].  $\log n$  [473].  $M$  [708, 1294].  $\mathbf{N}^n$  [174].  $\mathbf{Z}_m$  [2157, 704].  $\mathbf{Z}_m$  [1196].  $\mathbf{Z}_m$  [1486].  $\mathcal{F}$  [3629, 3878].  $\mu$  [3127].  $N$  [1293, 655, 1433, 2780, 3717, 2135, 1792, 229, 895].  $n^2$  [2135].  $N^m$  [1597].  $n \log n$  [751].  $O(EV \log^2 V)$  [566].  $O(\log^2 n)$  [847].  $O(\log^{3/2} n)$  [1422].  $O(\mathbf{LogLog} N)$  [960].  $O(\log n)$  [2370].  $O(M(n^2))$  [1488].  $O(n)$  [1359, 3350].  $O(n^{1.5} \sqrt{\log n})$  [938].  $O(n^{\log \log n})$  [1268].  $O(n \log \log n)$  [1311].  $O(n \log n)$  [1864, 1359, 1430].  $O(|V| \log |V|)$  [1475].  $O_n$  [3717].  $\omega$  [2678, 3196, 242, 416, 417, 443, 909, 722].  $\omega^2$  [298].  $\omega^n$  [460].  $p$  [3367, 3758, 1141, 1294, 1359].  $PF \cdot \#P$  [1373].  $Q$  [3470, 2918].  $q = 7$  [38].  $r$  [3343].  $s$  [1427, 585].  $S^{3/2}$  [1565].  $\Sigma_3^p$  [1552].  $\Sigma_2$  [895].  $st$  [3350].  $\subseteq$  [1565].  $t$  [1427, 3205].  $T^\omega$  [469].  $\Theta(n \log^2 n)$  [1426].  $V \log V$  [213].  $W[2]$  [1940].  $X + Y$  [641].  $Z^2$  [3101].

\* [159].

**-acyclic** [3444]. **-anonymous** [3085]. **-Approval** [3343]. **-approximation** [2191, 3581, 3620]. **-arc** [3252]. **-armed** [2756]. **-ary** [1792]. **-automata** [909]. **-Biased** [1551]. **-bit** [2998]. **-bound** [2135]. **-cheatable** [1141]. **-chromatic** [3253]. **-closeness** [1141]. **-cluster** [3563]. **-Clustering** [3603]. **-CNFs** [2357]. **-colorable** [1920]. **-coloring** [3869]. **-Complete** [1371, 1940, 1552]. **-complex** [1019]. **-Computations** [443]. **-connected** [834, 3670]. **-connectivity** [1133]. **-construction** [708]. **-context-free** [416]. **-cores** [3754]. **-D** [3525]. **-Depth** [1320]. **-Dimensional** [1339, 2780, 1362]. **-distinct** [3394]. **-Edge** [3758]. **-Edge/vertex-connected** [3758]. **-extendible** [2997]. **-extra** [3858, 3312]. **-Extraconnectivities** [2843]. **-Feature** [1940]. **-Flows** [1475]. **-Free** [1693, 2374, 1864, 3727, 3878, 3701]. **-Group** [1359]. **-hard** [1085]. **-Hitting** [2527]. **-hub** [3367]. **-hyperbolic** [3553]. **-internal** [2535]. **-languages** [416, 417, 722]. **-Leaf** [2491]. **-letter** [2135]. **-Limit** [3127]. **-Majority** [3494]. **-MCFL** [3101, 3717]. **-Means** [2805]. **-Median** [1788]. **-min-wise** [3256]. **-Minor-Free** [3629]. **-MST** [1546]. **-Nilpotent** [1048]. **-norm** [2474, 3344]. **-numbering** [3350]. **-page** [961]. **-parallel** [229]. **-party** [3798]. **-path** [3843]. **-Process** [655]. **-query** [2034]. **-random** [2617]. **-regular** [3773, 2678, 3196, 3854]. **-Resolution** [3470]. **-SAT** [2242, 2473, 2357, 1681]. **-secluded** [3803]. **-server** [3286, 1188]. **-space** [1961]. **-spin** [3184]. **-subcolorable** [3364]. **-systems** [298]. **-tapes** [242, 460]. **-Term** [1300, 3506, 2690]. **-Testability** [1500]. **-transducers** [426, 289]. **-trees** [858]. **-tuple** [2993]. **-type** [417]. **-Uniform** [3205]. **-valued** [655]. **-vertex** [2535]. **-Way** [270].

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1 [535]. **1-center** [3190]. **1-convexes** [174]. **1-median** [3248, 3190]. **1.375-approximation** [3564]. **1.5-approximation** [2080]. **1.75-approximation** [2305]. **1/2** [2236]. **1971** [85]. **1994** [1378]. **1Heads** [942]. **1st** [3829].

2 [3171, 2671, 2522]. **2-CSP** [3171, 2671]. **2-Sat** [2671]. **2013** [3301]. **2015** [3465]. **2017** [3576]. **2020** [3542, 3567, 3537, 3520, 3528, 3556, 3548]. **2021** [3622, 3658, 3578, 3613, 3594, 3599, 3651, 3637]. **2022** [3713, 3738, 3666, 3703, 3680, 3695, 3730, 3722]. **2023** [3808, 3766,



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**A-** [466]. **A-transducers** [558]. **A.E.** [1019]. **abduction** [2534]. **ABE** [3322]. **abelian** [371, 2297, 3258, 1359]. **Ability** [1547, 50]. **abortion** [3115]. **above** [2552, 2585, 2659, 2442, 2997]. **Absolute** [3734, 3451]. **Absolutely** [179]. **absorbing** [2046]. **Abstract** [126, 1742, 3425, 2713, 151, 1961, 306, 92, 357, 617, 264, 1060, 347, 2510, 845, 885, 583, 862, 31]. **Abstraction** [1698, 881, 700]. **AC** [1625, 3418, 1085]. **ACC** [1161]. **accelerated** [325]. **acceptance** [397]. **accepted** [1203]. **accepting** [514, 1095]. **acceptors** [115, 114, 104, 249, 168, 69]. **Access** [1366, 3280, 3432, 217, 3116, 3805, 2103, 743, 3005, 3746, 762, 3007]. **Accessibility** [634]. **account** [2975]. **accrual** [2823]. **accumulations** [3425]. **accuracy** [1965, 3862, 2482, 2210, 2111, 2807]. **Accurate** [2662, 1808]. **achieve** [2881]. **achieving** [832]. **Achilles** [1535]. **ACM** [274, 345, 2029, 214]. **acoustic** [2809]. **across** [2966]. **Action** [2602, 2657, 544, 31]. **action-based** [2657]. **actions** [908]. **activation** [3250, 2051]. **Active** [1531, 3804, 2436, 3008, 3734, 3237]. **ACTL** [1688]. **actor** [1132]. **actualization** [893]. **Acyclic** [717, 1494, 3363, 3444, 3880, 2911, 3390, 2638, 2540]. **acyclicity** [972]. **Ad** [1893, 1892, 1904, 3021, 2209, 2875, 2870, 2537, 3143]. **ad-hoc** [3143]. **Adaps** [2574]. **adapt** [3664]. **Adapting** [3871, 3391]. **Adaptive** [1631, 1744, 2576, 2404, 1275, 2332, 2963, 3019, 2338, 3546, 3757, 2772, 3734, 2818, 2574, 3233, 2767, 3152, 1835, 2337, 2400, 2407, 2816, 3052]. **Adaptivity** [2572]. **adapts** [2754]. **adder** [2998]. **adder/subtractor** [2998]. **adding** [3504]. **Addition** [3783, 2788, 546, 3203, 3197, 826]. **Additional** [1750, 3254]. **Additive** [3607]. **additively** [3798]. **address** [2464]. **Addressable** [456]. **Addressing** [573, 129]. **Adequacy** [574]. **Adherences** [547]. **adjacencies** [3707]. **adjoint** [25]. **adjunct** [235, 291]. **administration** [3007]. **Admissible** [1361]. **admission** [2252, 2740]. **admission-control** [2252]. **admit** [3656]. **ADMs** [2441]. **advance** [2801]. **Advanced** [3236, 2880, 2868, 2827]. **Advances** [3230, 3454, 2600]. **Advantage** [1292]. **Adversarial** [1631, 3432, 3805, 2755]. **Adversary** [2509]. **Advertisement** [1817, 1802, 1814, 1829, 1936, 1862, 1877, 1907, 1908, 1846, 1849, 1860, 1861, 1875, 1876, 1832, 1952, 1856, 1871, 1889, 1955, 1956, 1957, 1958, 1970]. **Advice** [1262, 1495, 3849, 3286, 2497]. **Aerial** [3461]. **AFA** [196]. **affect** [514]. **Affine** [23, 1822]. **AFL** [264, 99, 139, 196, 292, 289, 309]. **AFLs** [115, 114, 781, 359, 133]. **AFPTAS** [3250]. **after** [825]. **again** [3476]. **against** [3231, 2563, 2285, 1557, 813, 2929, 3431]. **Agent** [3049, 3082, 3610, 2346, 2345]. **Agent-based** [3049]. **agents** [2448, 3456, 3580, 3663, 3504, 3055, 2674, 3678].



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