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(L, M, N) [3975]. $(\nu, \mu, s, 1-\sigma)$ [3022]. -1 [1754]. 0 [1255]. 1 [812, 955, 1192, 1359, 1558, 1641, 1795, 1858, 2679, 2734, 3303]. 1_σ [3827]. 2 [177, 316, 384, 486, 593, 600, 658, 742, 769, 823, 865, 1174, 1260, 1276, 1306, 1310, 1658, 1748, 1779, 2002, 2252, 2608, 2610, 2624, 2671]. 3 [248, 263, 336, 384, 403, 530, 600, 646, 869, 1002, 1006, 1021, 1061, 1078, 1236, 1276, 1310, 1339, 1579, 1737, 1779, 1780, 1838, 1888, 2107, 2556, 2608, 2773, 2782, 3394, 3461, 3506]. 4 [2002]. 5 [1629]. 7 [982]. $_k$ [2528]. $_p$ [1628]. $_\sigma$ [3508]. A [276, 480, 629, 2794, 3954]. A^{-1} [629]. α [2767, 3145, 3594, 3677, 3795, 3868]. $A\underline{x} = \underline{b}$ [276]. $Ax = b$ [228]. B [1612, 1776]. β [3049]. C [1612, 1776]. C^0 [440, 1161, 1273, 1639, 1729, 1974, 2013, 3086, 3283]. C^1 [3749]. C_∞ [578]. D [737, 1400, 2024, 2657]. $\Delta \cdot B$ [582]. $\mathrm{Div}(Y) = f$ [571]. ℓ^2 [2316]. ℓ^q [2316]. ℓ_0 [2353, 3573, 3928]. ℓ_1 [1190, 1318, 1583, 2039, 2740]. ℓ_1/ℓ_2 [4067]. ℓ_2 [1190, 1628]. ℓ_p [2990]. ϵ [104, 247]. $\mathrm{EQ}_1^{\mathrm{rot}}$ [1195, 1739]. f [948]. $F_j(x)$ [278, 283]. $f \in L^2$ [571]. fp [790]. G^1 [1373]. H [473, 1194, 1213, 1491, 1733, 1951, 1999, 2064, 2253, 2531, 2562]. $H(\mathrm{curl})$ [3703].

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[2243]. **DGP** [3650]. **DGSEM** [1436]. **Diagnosing** [2435]. **Diagnostics** [187, 575]. **Diagonal** [1707, 2366, 2770]. **Diagonalization** [3939]. **Diagonally** [696, 3280, 3954]. **Diagrams** [1420]. **Diamond** [3331]. **Diblock** [2883]. **Dictionary** [1426]. **Dielectric** [260, 498]. **Dielectrics** [859, 1084]. **Diffeomorphism** [1405]. **Difference** [264, 270, 281, 282, 332, 343, 360, 366, 386, 486, 552, 590, 593, 613, 762, 882, 928, 987, 994, 1038, 1042, 1080, 1095, 1105, 1140, 1143, 1150, 1350, 1404, 1426, 1439, 1448, 1457, 1460, 1481, 1539, 1546, 1568, 1635, 1689, 1702, 1716, 1758, 1759, 1860, 1862, 1878, 1882, 1902, 1913, 1928, 1965, 1979, 1981, 1984, 2000, 2027, 2066, 2067, 2075, 2082, 2133, 2175, 2324, 2389, 2446, 2447, 2466, 2505, 2516, 2533, 2540, 2543, 2569, 2603, 2650, 2700, 2742, 2746, 2755, 2757, 2833, 2842, 2860, 2884, 2960, 2988, 3005, 3040, 3212, 3226, 3282, 3306, 3349, 3474, 3493, 3499, 3594, 3790, 3817, 3833, 3889, 3989, 4005, 4007, 4071]. **Difference** [39, 113, 160, 188, 239, 246, 315, 364, 391, 503, 542, 548, 573, 630, 718, 764, 851, 1040, 1044, 1110, 1169, 1244, 1262, 1365, 1412, 1477, 1494, 1495, 1544, 1596, 1616, 1632, 1666, 1798, 1901, 1996, 2003, 2141, 2203, 2208, 2274, 2382, 2490, 2497, 2535, 2612, 2644, 2649, 2765, 2841, 2986, 3029, 3072, 3109, 3154, 3334, 3337, 3361, 3453, 3577, 3613, 3723, 3824, 3857, 3903, 3919, 3943, 3957, 4025, 4056]. **Difference/Compact** [3833]. **Difference/Finite** [1860]. **Differencefor** [2153]. **Differences** [405, 1587, 1719, 2173, 3945]. **Differencing** [1397, 1541, 1615, 2456, 2498, 2568, 2766, 2797, 3311, 3641, 3787, 3807, 4010]. **Different** [603, 1033, 1416, 1488, 2363, 2378, 2642, 3354, 3768, 4039]. **differentiable** [2479]. **Differential** [202, 212, 213, 264, 265, 333, 340, 479, 731, 741, 744, 747, 756, 815, 832, 1068, 1086, 1168, 1173, 1246, 1286, 1287, 1313, 1518, 1530, 1635, 1665, 1680, 1694, 1708, 1725, 1749, 1750, 1821, 1874, 1890, 1898, 1923, 1926, 1943, 1962, 1999, 2008, 2009, 2019, 2039, 2043, 2101, 2110, 2124, 2128, 2173, 2216, 2235, 2324, 2337, 2344, 2349, 2354, 2375, 2391, 2404, 2464, 2493, 2539, 2544, 2638, 2681, 2689, 2727, 2820, 2828, 2946, 2982, 3137, 3184, 3226, 3230, 3245, 3256, 3277, 3347, 3360, 3369, 3429, 3485, 3500, 3519, 3556, 3562, 3576, 3590, 3603, 3666, 3672, 3696, 3725, 3809, 3815, 3829, 3873, 3881, 3892, 3904, 4022]. **Differential** [63, 90, 136, 142, 164, 302, 398, 894, 1051, 1093, 1104, 1206, 1322, 1352, 1366, 1461, 1491, 1618, 1751, 1870, 1993, 2005, 2086, 2188, 2367, 2370, 2531, 2771, 2845, 2846, 2974, 3061, 3309, 3315, 3537, 3553, 3629, 3663, 3735, 3783, 3925, 3962, 4026]. **Differential-Algebraic** [1246]. **Differentially** [403]. **Differentiation** [132, 474, 624, 1358, 1698, 2507, 3315]. **Diffraction** [220, 2174]. **Diffuse** [2070, 3068]. **Diffusion** [196, 255, 442, 452, 495, 561, 568, 599, 636, 697, 740, 761, 800, 841, 848, 946, 979, 1009, 1026, 1063, 1191, 1210, 1230, 1275, 1279, 1362, 1466, 1503, 1507, 1512, 1562, 1568, 1585, 1602, 1613, 1696, 1746, 1777, 1858, 1860, 1866, 1882, 1899, 1975, 1998, 2089, 2106, 2108, 2143, 2159, 2176, 2180, 2187, 2199, 2207, 2217, 2239, 2313, 2403, 2408, 2421, 2443, 2468, 2528, 2548, 2568, 2597, 2647, 2702, 2706, 2853, 2855, 2856, 2945, 2947, 2951, 2954, 2980, 3018, 3046, 3049, 3077, 3078, 3156, 3218, 3239, 3281, 3331, 3339, 3563, 3584, 3604, 3630, 3670, 3695, 3698, 3750, 3800, 3858, 3920, 4037, 4043, 4062]. **Diffusion** [247, 344, 392, 780, 786, 795, 830, 836, 846, 855, 909, 924, 1043, 1070, 1134, 1169, 1184, 1282, 1283, 1317, 1330, 1412, 1433, 1434, 1477, 1517, 1529, 1647, 1658, 1711,

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May [315]. **MBE** [2985, 2995]. **MBO** [1973]. **MDCD** [3069]. **MDCD-TENO** [3069]. **Mean** [389, 464, 2077, 2622, 2868, 3188, 3197, 3942, 4024]. **Means** [995, 1575, 2223, 2252, 2914, 3310, 3987]. **Measure** [2923, 3775]. **Measurement** [3785]. **Measurement-Induced** [3785]. **Measurements** [657, 1737, 2240, 2707]. **Measures** [2317, 2830, 2921, 3442]. **Mechanical** [2378, 3009]. **Mechanics** [485, 1984, 2534, 3345, 3536]. **Media** [108, 246, 454, 543, 823, 837, 915, 1163, 1253, 1259, 1321, 1402, 1467, 1656, 1814, 1841, 1901, 1948, 2027, 2152, 2192, 2257, 2358, 2393, 2412, 2416, 2513, 2549, 2561, 2629, 2657, 2675, 2678, 2760, 2780, 2798, 2906, 2944, 2966, 3088, 3095, 3331, 3718, 3852, 3853, 3906]. **Medical** [1000]. **Medium** [733, 1083, 1376, 2011, 2705, 2813, 3039, 3303, 3567, 3956]. **Membership** [1685]. **Membrane** [3406]. **Membranes** [2682]. **Memory** [108, 902, 1119, 1352, 1510, 2216, 2278, 2488, 3133, 3156, 3290]. **Memory-Saving** [3133]. **Merton** [1063, 1503]. **Mesh** [96, 297, 418, 468, 473, 495, 523, 538, 659, 763, 792, 1062, 1119, 1151, 1194, 1208, 1384, 1543, 1861, 1958, 2071, 2104, 2138, 2180, 2194, 2296, 2301, 2334, 2437, 2441, 2579, 2734, 2772, 2791, 2839, 3233, 3293, 3413, 3424, 3430, 3486, 3524, 3669, 3779, 3836, 3878, 3996, 4048]. **Mesh-Dependent** [3878]. **Mesh-Free** [3524]. **Mesh-Informed** [3669]. **Mesh-Robustness** [3233]. **Meshes** [208, 268, 373, 470, 511, 513, 530, 540, 596, 598, 647, 662, 758, 793, 821, 834, 981, 1009, 1089, 1197, 1208, 1233, 1234, 1238, 1254, 1258, 1357, 1361, 1434, 1453, 1457, 1462, 1474, 1525, 1546, 1578, 1622, 1624, 1681, 1689, 1740, 1827, 1843, 1891, 2057, 2089, 2106, 2143, 2167, 2193, 2233, 2248, 2281, 2289, 2368, 2470, 2491, 2525, 2535, 2546, 2556, 2587, 2663, 2672, 2715, 2818, 2851, 2862, 2871, 2911, 2929, 2954, 2967, 2993, 3053, 3070, 3168, 3242, 3252, 3276, 3425, 3470, 3490, 3508, 3511, 3525, 3563, 3566, 3589, 3730, 3757, 3773, 3792, 3808, 3831, 3854, 3861, 3900, 3936, 3971, 4043, 4071]. **Meshfree** [1144, 3300, 3625, 3629, 3680, 3799]. **Meshless** [1381, 2148, 2464, 2897, 2901, 3921]. **Metamaterial** [1644]. **Metamaterials** [637, 1111, 1710, 2655, 3186]. **Method** [210, 323, 343, 442, 499, 517, 521–524, 559, 585, 641, 649, 709, 724, 729, 767, 769, 811, 916, 966, 975, 984, 1025, 1047, 1055, 1087, 1102, 1117, 1162, 1165, 1225, 1234, 1237, 1286, 1287, 1356, 1381, 1446, 1533, 1577, 1659, 1664, 1682, 1709, 1769, 1919, 1995, 2004, 2069, 2090, 2095, 2101, 2169, 2176, 2181, 2195, 2228, 2232, 2290, 2316, 2323, 2336, 2355, 2364, 2415, 2591, 2657, 2675, 2706, 2787, 2972, 3038, 3065, 3125, 3138, 3150, 3304, 3307, 3440, 3456, 3513, 3520, 3623, 3627, 3664, 3678, 3688, 3749, 3762, 3765, 3829, 3834, 3917, 3950, 3951, 3973, 4029]. **Method** [312, 338, 358, 443, 563, 636, 650, 698, 719, 753, 771, 772, 794, 875, 979, 1032, 1063, 1074, 1085, 1236, 1279, 1307, 1392, 1401, 1413, 1480, 1490, 1518, 1550, 1641, 1683, 1724, 1766, 1770, 1774, 1824, 1832, 1836, 1849, 1875, 1968, 2014, 2060, 2074, 2129, 2146, 2237, 2287, 2289, 2331, 2383, 2403, 2443, 2445, 2458, 2528, 2541, 2553, 2567, 2582, 2671, 2687, 2689, 2699, 2705, 2751, 2868, 2871, 2994, 3021, 3034, 3171, 3182, 3223, 3224, 3230, 3245, 3255, 3277, 3339, 3360, 3410, 3416, 3430, 3602, 3610, 3649, 3694, 3718, 3746, 3787, 3797, 3819, 3891, 3915, 3918, 3920, 3952, 3985, 4007, 4032, 4043, 4055].

Method [21, 202, 224, 276, 282, 326, 327, 340, 446, 464, 530, 664, 723, 731, 761, 763, 773, 802, 812, 992, 1010, 1105, 1175, 1191, 1296, 1304, 1337, 1400, 1456, 1505, 1512, 1522, 1528, 1551, 1554, 1555, 1625, 1627, 1714, 1866, 1900, 1927, 1928, 2023, 2067, 2071, 2106, 2164, 2180, 2205, 2209, 2210, 2239, 2276, 2312, 2324, 2335, 2359, 2378, 2381, 2423, 2433, 2473, 2525, 2534, 2537, 2550, 2552, 2596, 2630, 2646, 2733, 2878, 2916, 2928, 2936, 2951, 2982, 3023, 3048, 3055, 3077, 3094, 3185, 3208, 3239, 3267, 3306, 3318, 3332, 3374, 3424, 3486, 3539, 3546, 3594, 3654, 3773, 3774, 3793, 3796, 3929, 3970, 3980, 3992, 4040, 4050]. **Method** [198, 228, 322, 415, 496, 531, 533, 588, 600, 617, 693, 703, 717, 774, 791, 808, 835, 862, 879, 974, 990, 1078, 1097, 1113, 1201, 1235, 1245, 1272, 1472, 1488, 1493, 1508, 1514, 1524, 1553, 1559, 1656, 1728, 1730, 1737, 1814, 1861, 1876, 1882, 1885, 1911, 1929, 2009, 2010, 2013, 2147, 2155, 2199, 2246, 2248, 2271, 2319, 2328, 2329, 2334, 2349, 2432, 2452, 2503, 2527, 2539, 2580, 2607, 2701, 2702, 2732, 2805, 2818, 2847, 2854, 2857, 2938, 2955, 2959, 2962, 3135, 3256, 3262, 3273, 3281, 3329, 3342, 3352, 3378, 3422, 3437, 3481, 3512, 3516, 3569, 3653, 3690, 3781, 3800, 3837, 3887, 3971, 4020, 4044, 4051, 4064]. **Method** [223, 272, 383, 414, 507, 513, 519, 654, 683, 743, 776, 787, 797, 848, 864, 882, 905, 908, 977, 1009, 1027, 1086, 1100, 1124, 1125, 1141, 1180, 1190, 1198, 1216, 1230, 1243, 1269, 1298, 1340, 1431, 1455, 1478, 1520, 1549, 1621, 1626, 1643, 1729, 1765, 1801, 1881, 1933–1935, 1957, 1969, 1973, 2015, 2043, 2063, 2083, 2149, 2159, 2166, 2249, 2268, 2392, 2453, 2477, 2548, 2565, 2581, 2700, 2704, 2730, 2736, 2746, 2749, 2756, 2811, 2843, 2954, 2981, 3039, 3049, 3124, 3144, 3156, 3162, 3168, 3192, 3290, 3313, 3319, 3379, 3460, 3479, 3564, 3565, 3692, 3700, 3729, 3750, 3759, 3853, 3866, 3879, 3923, 3927, 4000, 4061]. **Method** [225, 410, 418, 460, 537, 538, 593, 621, 694, 750, 885, 948, 989, 1017, 1178, 1194, 1278, 1317, 1378, 1405, 1448, 1513, 1540, 1557, 1587, 1610, 1677, 1711, 1815, 1830, 1831, 1840, 1862, 1878, 1915, 1936–1938, 1983, 1984, 2000, 2037, 2096, 2135, 2138, 2197, 2224, 2262, 2264, 2265, 2277, 2345, 2348, 2385, 2397, 2461, 2514, 2517, 2519, 2530, 2532, 2549, 2554, 2563, 2610, 2655, 2695, 2698, 2708, 2727, 2741, 2767, 2788, 2837, 2860, 2882, 2915, 2917, 2983, 3067, 3087, 3104, 3121, 3122, 3128, 3141, 3176, 3194, 3282, 3287, 3294, 3295, 3308, 3328, 3355, 3395, 3402, 3438, 3463, 3482, 3499, 3532, 3547, 3581, 3608, 3641, 3657, 3666, 3697, 3705, 3755, 3814, 3820, 3846, 3869, 3881, 3933, 3958, 4057]. **Method** [200, 205, 208, 291, 334, 341, 344, 406, 454, 455, 469, 539, 541, 603, 622, 633, 686, 688, 725, 756, 796, 888, 894, 953, 1029, 1066, 1080, 1095, 1187, 1207, 1222, 1267, 1273, 1324, 1343, 1473, 1475, 1517, 1527, 1529, 1591, 1648, 1735, 1780, 1790, 1888, 1982, 1999, 2062, 2142, 2161, 2168, 2179, 2253, 2255, 2301, 2344, 2354, 2401, 2418, 2420, 2437, 2446, 2447, 2506, 2644, 2672, 2694, 2703, 2744, 2831, 2977, 3008, 3051, 3082, 3106, 3107, 3116, 3119, 3146, 3173, 3292, 3323, 3363, 3380, 3423, 3436, 3464, 3476, 3494, 3500, 3508, 3509, 3551, 3606, 3674, 3679, 3684, 3717, 3720, 3798, 3832, 3892, 3911, 3941]. **Method** [292, 315, 391, 394, 395, 404, 511, 573, 584, 604, 630, 676, 690, 691, 718, 779, 815, 819, 836, 855, 895, 912, 924, 1003, 1041, 1051, 1136, 1146, 1202, 1226, 1281, 1305, 1310, 1339, 1349, 1396, 1412, 1427, 1433, 1504, 1586, 1588, 1594, 1623, 1630, 1632, 1633, 1658, 1661, 1699, 1704, 1747, 1779, 1797, 1808, 1838, 1901, 1945, 1980, 1990, 2094, 2160, 2273, 2285, 2286, 2318, 2343, 2346, 2374,

2428, 2455, 2472, 2486, 2498, 2521, 2562, 2566, 2590, 2637, 2753, 2869, 2899, 2924, 3025, 3070, 3097, 3170, 3172, 3191, 3228, 3260, 3276, 3279, 3337, 3431, 3450, 3592, 3668, 3693, 3732, 3767, 3872, 3908, 3936]. **Method** [260, 269, 346, 349, 351, 492, 551, 555, 687, 700, 780, 820, 920, 927, 970, 986, 1134, 1137, 1206, 1211, 1326, 1354, 1372, 1388, 1491, 1605, 1607, 1644, 1743, 1744, 1763, 1826, 1867, 1870, 1910, 2055, 2059, 2111, 2118, 2144, 2198, 2208, 2257, 2320, 2321, 2327, 2377, 2384, 2424, 2440, 2459, 2463, 2513, 2518, 2531, 2538, 2574, 2625, 2662, 2673, 2789, 2859, 2864, 2893, 2904, 2906, 2919, 2937, 2963, 3036, 3073, 3076, 3086, 3105, 3151, 3154, 3175, 3190, 3202, 3203, 3213, 3263, 3341, 3344, 3354, 3362, 3364, 3373, 3406, 3413, 3418, 3445, 3489, 3534, 3538, 3566, 3567, 3585, 3622, 3632, 3650, 3685, 3722, 3735, 3757, 3830, 3860, 3867, 3882, 3932, 3943, 3947, 3974, 3998]. **Method** [218, 661, 669, 692, 733, 755, 758, 805, 823, 898, 904, 918, 930, 951, 971, 1002, 1013, 1021, 1022, 1067, 1070, 1093, 1115, 1247, 1319, 1346, 1387, 1534, 1536, 1582, 1596, 1640, 1732, 1733, 1751, 1785, 1857, 1909, 1914, 1948, 1950, 1951, 1988, 1996, 2087, 2131, 2174, 2190, 2218, 2353, 2429, 2481, 2546, 2639, 2659, 2674, 2710, 2715, 2734, 2754, 2786, 2808, 2826, 2839, 2881, 2886, 2887, 2923, 3000, 3026, 3042, 3072, 3088, 3163, 3225, 3249, 3303, 3314, 3335, 3396, 3398, 3407, 3498, 3530, 3607, 3614, 3624, 3631, 3728, 3779, 3789, 3794, 3804, 3818, 3828, 3857, 3862, 3870, 3874, 3902, 3910, 3967, 3993, 4024, 4025, 4028, 4053, 4068]. **Method** [7, 13, 26, 33, 43, 50, 52, 63, 77, 93, 117, 118, 127, 152, 156, 163, 164, 170, 174, 175, 178, 183, 185, 192, 194, 457, 902, 999, 1094, 1172, 2940, 3085]. **Method-of-Lines** [654, 3546]. **Methodology** [963, 3945]. **Methods** [440, 441, 444, 480, 516, 526, 653, 675, 679, 770, 822, 837, 850, 870, 896, 967, 979, 1039, 1045, 1118, 1145, 1151, 1152, 1164, 1189, 1210, 1219, 1263, 1264, 1274, 1290, 1295, 1332, 1402, 1420, 1424, 1444, 1445, 1519, 1521, 1526, 1546, 1590, 1613, 1670, 1689, 1725, 1778, 1803, 1812, 1833, 1860, 1874, 1883, 1918, 1920, 1954, 1967, 1978, 2052, 2127, 2139, 2192, 2220, 2233–2236, 2281, 2393, 2475, 2557, 2667, 2713, 2725, 2747, 2752, 2836, 2850, 2921, 2967, 3066, 3103, 3178, 3209, 3232, 3241, 3270, 3301, 3345, 3435, 3503, 3542, 3630, 3638, 3695, 3763, 3930, 3954, 3965, 4071]. **Methods** [288, 305, 339, 352, 409, 445, 488, 495, 510, 527, 655, 701, 813, 860, 876, 929, 932, 1000, 1035, 1052, 1064, 1075, 1144, 1155, 1168, 1261, 1313, 1369, 1419, 1509, 1576, 1608, 1634, 1692, 1703, 1894, 1922, 1925, 2011, 2022, 2054, 2085, 2129, 2183, 2193, 2206, 2219, 2238, 2241, 2242, 2244, 2245, 2288, 2332, 2341, 2390, 2396, 2464, 2468, 2470, 2528, 2533, 2536, 2572, 2611, 2651, 2682, 2709, 2726, 2743, 2762, 2776, 2783, 2890, 2895, 2902, 2943, 3050, 3089, 3099, 3101, 3114, 3183, 3198, 3238, 3275, 3403, 3448, 3528, 3584, 3635, 3648, 3672, 3710, 3797, 3809, 3858, 3904, 3909, 3966, 3981, 4009, 4017]. **Methods** [221, 255, 301, 355, 361, 399, 425, 462, 479, 486, 514, 535, 713, 749, 775, 842, 858, 926, 949, 991, 1088, 1122, 1123, 1173, 1246, 1249, 1325, 1363, 1364, 1368, 1390, 1397, 1418, 1439, 1471, 1487, 1503, 1541, 1614, 1617, 1639, 1667, 1694, 1741, 1758, 1828, 1908, 1969, 1977, 2019, 2041, 2046, 2066, 2082, 2110, 2137, 2247, 2261, 2311, 2338, 2387, 2502, 2505, 2523, 2558, 2568, 2601, 2619, 2653, 2678, 2848, 2861, 2933, 2935, 2945, 2975, 3012, 3040, 3054, 3096, 3149, 3187, 3312, 3330, 3446, 3449, 3484, 3510, 3521, 3552, 3554, 3568, 3591, 3741, 3742, 3848, 3852, 3922, 3977, 4031, 4034].

Methods [317, 328, 452, 453, 473, 487, 509, 638, 645, 689, 696, 857, 915, 982, 1057, 1096, 1106, 1140, 1221, 1300, 1335, 1406, 1459, 1498, 1502, 1510, 1572, 1592, 1606, 1637, 1669, 1701, 1706, 1748, 1756, 1757, 1792, 1821, 2025, 2034, 2073, 2077, 2081, 2097, 2105, 2119, 2120, 2134, 2172, 2204, 2250, 2251, 2254, 2263, 2292, 2308, 2340, 2342, 2368, 2465, 2493, 2516, 2540, 2602, 2661, 2663, 2684, 2742, 2768, 2790, 2825, 2842, 2877, 2925, 2931, 2941, 2956, 2960, 2973, 3035, 3053, 3180, 3200, 3254, 3265, 3365, 3428, 3442, 3459, 3474, 3492, 3505, 3506, 3560, 3646, 3696, 3731, 3752, 3764, 3790, 3844, 3897, 3912, 3914, 3963, 4022, 4042, 4069]. **Methods** [222, 226, 266, 279, 294, 314, 350, 354, 392, 407, 426, 467, 468, 503, 518, 540, 545, 577, 738, 760, 809, 827, 845, 1036, 1040, 1143, 1166, 1185, 1232, 1367, 1463, 1468, 1481, 1499, 1574, 1601, 1635, 1646, 1651, 1666, 1673, 1753, 1783, 1798, 1904, 2003, 2012, 2092, 2104, 2114, 2121, 2140, 2141, 2152, 2163, 2269, 2282, 2326, 2352, 2363, 2376, 2398, 2426, 2431, 2522, 2524, 2551, 2608, 2635, 2638, 2658, 2666, 2803, 2874, 2907, 2950, 2957, 2999, 3015, 3064, 3148, 3199, 3291, 3293, 3300, 3302, 3390, 3427, 3477, 3490, 3536, 3577, 3600, 3637, 3663, 3725, 3777, 3816, 3843, 4013, 4027, 4033, 4058]. **Methods** [12, 27, 39, 53, 59, 74, 80, 81, 86, 98, 111, 124, 128, 134, 142, 146, 155, 158, 160, 188, 207, 287, 302, 547, 549, 550, 579, 704, 732, 766, 781, 786, 897, 1023, 1034, 1091, 1104, 1108, 1158, 1160, 1197, 1271, 1322, 1328, 1342, 1410, 1500, 1615, 1618, 1650, 1752, 1755, 1764, 1871, 1947, 1949, 1955, 1970, 1971, 1976, 2005, 2058, 2145, 2167, 2298, 2322, 2357, 2367, 2370, 2556, 2632, 2652, 2686, 2729, 2745, 2758, 2851, 2897, 2930, 2989, 3041, 3113, 3195, 3272, 3321, 3381, 3382, 3386, 3444, 3518, 3599, 3625, 3680, 3701, 3713, 3738, 3799, 3824, 3877, 3888, 3903, 3907, 3925, 3934, 3991, 3999, 4018]. **methods** [34, 41, 60, 61]. **Metric** [513, 2955, 3716]. **Metrics** [2791]. **Meyer** [951]. **MFS** [553, 914, 1171, 4021]. **MGFM** [2519, 3303]. **MGFM/AC** [2519]. **MHD** [163, 453, 470, 550, 582, 1629, 1742, 1791, 2567, 2671, 3022, 3060, 3255, 3779, 3817, 3871]. **Microflows** [1198, 1967]. **Microgravity** [379]. **Microlithographic** [195]. **Micromagnetics** [2422]. **Microscope** [2441]. **Microscopy** [2731]. **Microstructure** [385, 1428, 2773, 3121]. **Microwave** [575]. **Midpoint** [2422]. **migration** [40]. **Milstein** [1776, 2355]. **Milstein-Type** [1776]. **MIM** [3919]. **Mimetic** [1167, 2446, 2447]. **MIMO** [2095]. **Min** [3182]. **Mindlin** [438, 967, 1435, 2062]. **Minimal** [290, 636, 653, 1382, 3232, 3530, 3540, 3554, 3816, 3985]. **Minimally** [2278]. **Minimax** [359, 1372, 1516, 2264, 2265, 2297]. **Minimization** [397, 531, 582, 650, 1121, 1190, 1255, 1318, 1549, 1563–1565, 1648, 1684, 1906, 1986, 2107, 2114, 2292, 2310, 2333, 2353, 2494, 2604, 2664, 3036, 3392, 3543, 3569, 3740, 3813, 3913, 3965, 3976, 3991, 4035]. **Minimizations** [2532]. **Minimized** [2986, 3210]. **Minimizing** [1720, 2170, 2317, 2685, 3167]. **Minimum** [969, 1795, 3529, 3865]. **Mining** [2038]. **miniNode** [3]. **Minkowski** [377]. **minmod** [564]. **MINRES** [3933]. **Minus** [2366]. **Mirror** [2685, 3268, 3445]. **Miscible** [1683, 1814, 1948, 2257, 2416, 2629, 2765, 2906]. **MISTRAL** [847]. **Mittag** [2184, 2559, 2809]. **Mittag-Leffler** [2184, 2559, 2809]. **Mix** [4014]. **Mixed** [244, 346, 367, 441, 449, 450, 499, 601, 704, 717, 776, 795, 819, 822, 858, 891, 899, 908, 919, 941, 967, 979, 983, 1066, 1089, 1093, 1173, 1203, 1237, 1240, 1328, 1346,

1537, 1554, 1555, 1571, 1597, 1601, 1623, 1630, 1706, 1752, 1756, 1803, 1816, 1862, 1885, 1900, 1969, 1972, 2025, 2087, 2129, 2175, 2183, 2197, 2209, 2210, 2228, 2243, 2245, 2283, 2290, 2330, 2393, 2446, 2447, 2451, 2462, 2550, 2556, 2574, 2596, 2597, 2647, 2655, 2670, 2708, 2724, 2765, 2847, 2857, 2895, 2906, 2959, 3140, 3168, 3187, 3194, 3225, 3281, 3299, 3339, 3342, 3355, 3423, 3521, 3528, 3542, 3567, 3661, 3695, 3755, 3835, 3840, 3927, 3971, 4047]. **Mixed** [28, 171, 185, 736, 1069, 1971, 2703]. **Mixed-FEM** [2330]. **Mixed-Integer** [2451]. **Mixed-Primal** [3281, 3528]. **Mixed-Subordinate** [2857]. **Mixed-Type** [1816]. **Mixing** [75, 923, 959]. **Mixture** [1575, 2031, 2719]. **Mobile** [3333, 3589, 3824]. **Mobile/Immobile** [3589]. **Modal** [1849, 2300, 2467]. **Mode**
[284, 644, 874, 1001, 2174, 3193, 3519, 3982]. **Mode-Locked** [284, 644]. **Model** [204, 231, 235, 285, 308, 581, 625, 668, 720, 763, 773, 818, 884, 900, 938, 942, 967, 990, 1011, 1032, 1045, 1062, 1065, 1089, 1090, 1102, 1105, 1111, 1277, 1330, 1359, 1392, 1524, 1580, 1597, 1628, 1692, 1696, 1706, 1712, 1816, 1864, 1936, 1969, 1998, 2007, 2095, 2187, 2213, 2214, 2249, 2299, 2311, 2351, 2358, 2364, 2392, 2403, 2442, 2448, 2449, 2456, 2515, 2572, 2705, 2764, 2813, 2866, 2951, 2953, 2958, 2966, 3017, 3021, 3037, 3048, 3057, 3093, 3110, 3149, 3193, 3215, 3236, 3245, 3246, 3343, 3400, 3452, 3479, 3580, 3618, 3628, 3652, 3682, 3694, 3729, 3748, 3839, 3840, 3896, 4010, 4017, 4044]. **Model** [112, 150, 172, 181, 325, 406, 434, 656, 759, 906, 911, 912, 951, 970, 1043, 1066, 1071, 1084, 1203, 1268, 1308, 1315, 1326, 1345, 1370, 1415, 1570, 1630, 1644, 1678, 1788, 1946, 1951, 1965, 1974, 1984, 2018, 2027, 2050, 2056, 2070, 2138, 2177, 2297, 2343, 2395, 2439, 2501, 2529, 2549, 2562, 2575, 2605, 2623, 2641, 2643, 2648, 2737, 2820, 2821, 2880, 2908, 2909, 2990, 3002, 3003, 3068, 3073, 3090, 3131, 3201, 3229, 3233, 3243, 3254, 3291, 3311, 3353, 3360, 3372, 3401, 3411, 3412, 3426, 3455, 3497, 3507, 3519, 3555, 3587, 3643, 3711, 3803, 3827, 3856, 3859, 3882, 3967, 3988, 3999, 4002, 4012, 4019, 4039, 4056]. **Model-Reduction** [2449]. **Modeled** [2965, 3240]. **Modeling**
[131, 229, 231, 236, 240, 397, 403, 408, 416, 489, 710, 753, 859, 886, 1163, 1182, 1289, 1699, 1777, 1805, 1810, 1903, 1930, 1946, 1962, 1965, 2078, 2121, 2496, 2696, 2732, 2773, 2810, 2819, 3118, 3229, 3516, 3743, 3769, 3806, 3909, 4036]. **Modelling** [447, 1679, 2193, 2657, 3414, 3473]. **Models**
[104, 130, 207, 279, 469, 470, 493, 527, 663, 721, 736, 777, 806, 809, 880, 960, 1022, 1063, 1266, 1284, 1361, 1366, 1408, 1503, 1660, 1731, 1772, 1782, 1840, 1851, 1960, 1961, 2096, 2132, 2314, 2315, 2450, 2479, 2697, 2707, 2713, 2783, 2883, 2896, 2927, 3159, 3162, 3250, 3270, 3322, 3344, 3383, 3387, 3409, 3450, 3469, 3493, 3529, 3568, 3719, 3738, 3758, 3787, 3865, 3921, 4030]. **Moderately** [229]. **Modes**
[48, 1771, 2433, 2854, 3169]. **Modica** [3512]. **Modification** [201, 2926]. **modifications** [56]. **Modified**
[69, 183, 222, 228, 276, 336, 341, 576, 694, 719, 931, 951, 1226, 1344, 1441, 1455, 1484, 1584, 1691, 1836, 2035, 2169, 2320, 2321, 2478, 2519, 2620, 2847, 2937, 3021, 3139, 3197, 3303, 3518, 3572, 3609, 3632, 3662, 3665, 3792, 3980]. **Modular** [2590, 3279]. **Moiré** [4051]. **Molecular** [8, 120, 298, 3149]. **Molecules** [1600]. **Moment** [663, 697, 731, 1125, 1284, 1438, 1476, 1548, 1889, 1967, 2076, 2359, 2506, 2543, 2983, 3383, 3388, 3465, 3469, 4052]. **Moment-Based** [4052].

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1474, 1530, 1548, 1559, 1584, 1643, 1700, 1703, 1712, 1746, 1819, 1825, 1889, 1900, 1923, 1934, 1957, 1979, 1983, 2022, 2028, 2057, 2063, 2098, 2205, 2281, 2339, 2361, 2369, 2408, 2410, 2430, 2450, 2483, 2533, 2636, 2712, 2747, 2764, 2818, 2844, 2876, 2889, 2948, 2954, 2962, 2967, 2981, 3033, 3046, 3114, 3137, 3223, 3304, 3306, 3331, 3349, 3404, 3488, 3541, 3576, 3582, 3628, 3658, 3878, 3921, 3952, 3987, 4006]. **Non** [9, 306, 543, 550, 647, 732, 867, 889, 928, 1108, 1136, 1338, 1345, 1395, 1453, 1511, 1537, 1558, 1561, 1594, 1666, 1669, 1727, 1767, 1884, 1971, 2163, 2208, 2253, 2385, 2402, 2405, 2422, 2454, 2478, 2479, 2517, 2526, 2577, 2605, 2648, 2669, 2714, 2819, 2831, 2839, 2896, 3051, 3091, 3095, 3097, 3146, 3169, 3205, 3384, 3406, 3450, 3494, 3514, 3587, 3600, 3625, 3631, 3662, 3680, 3701, 3803, 3838, 3851, 3854, 3898, 4046]. **Non-backtracking** [2430, 4046]. **Non-Conforming** [1666, 2057, 2205, 2208, 2253, 2369, 2962, 2967, 3541, 3803]. **Non-conformity** [3854]. **Non-Conservative** [940, 2876, 2889, 3033]. **Non-Convex** [1669, 1923, 2526, 2844, 3205, 3631, 3838]. **Non-differentiable** [2479]. **Non-divergence** [2022, 2063, 3625, 3680]. **Non-equilibrium** [1712, 2361, 3952]. **Non-essential** [3878]. **Non-Flat** [2839]. **Non-Graded** [613, 1136]. **Non-harmonic** [1015]. **Non-Hermitian** [595]. **Non-Homogeneous** [701, 1548]. **Non-hydrostatic** [2339, 2636, 2764, 3628]. **Non-Ideal** [550]. **Non-Intrusive** [993, 2819, 3514]. **Non-isothermal** [2648]. **non-Lagrange** [867]. **Non-Linear** [528, 550, 557, 997, 1320, 1530, 1584, 2422, 2450, 2454, 2712, 3097, 3137, 3331, 3349, 3384, 3450, 3582]. **Non-Lipschitz** [3587]. **Non-Local** [543, 1395, 1643, 1700, 3987]. **Non-Markovian** [9, 2896]. **Non-Matching** [647, 1900, 3146]. **Non-monotone** [807, 1561]. **Non-Monotonically** [1727]. **Non-Negative** [1746, 3488, 4006]. **Non-nested** [2281]. **Non-obtuse** [2818]. **Non-oscillation** [1077]. **Non-Oscillatory** [675, 928, 1030, 1156, 1383, 1448, 1584, 1594, 1825, 1884, 1889, 1979, 2098, 2478, 2747, 2831, 3051, 3404]. **Non-Overlapping** [448, 1364, 1703, 2981, 3600, 3701]. **Non-perturbative** [3169]. **Non-Polynomial** [598, 1767]. **Non-quadratic** [2405]. **Non-rectangular** [1511]. **Non-Reflecting** [757]. **Non-self-adjoint** [2948]. **Non-selfadjoint** [1108, 2385]. **Non-separable** [3114, 3898]. **Non-slip** [1559]. **Non-Smooth** [716, 732, 870, 1266, 1345, 1934, 1957, 2402, 2408, 2517, 2533, 2669, 3046, 3304, 3576, 3838]. **Non-splitting** [3851]. **Non-Stabilized** [449]. **Non-staggered** [3662]. **Non-stationary** [1537, 1983, 3494]. **Non-Stiff** [3091, 3306]. **Non-strictly** [1449]. **Non-symmetric** [775]. **Non-Trivial** [323]. **Non-unified** [2163]. **Non-Uniform** [403, 606, 889, 1338, 1453, 1474, 1558, 1819, 2028, 2410, 2577, 2714, 2954, 3095, 3406, 3921]. **Nonclassical** [1067, 2816]. **Nonconforming** [530, 768, 891, 1064, 1086, 1089, 1098, 1141, 1161, 1195, 1249, 1258, 1325, 1353, 1739, 1853, 1966, 2172, 2345, 2463, 2517, 2631, 2741, 2795, 2909, 2935, 3094, 3249, 3375, 3560, 3568, 3635, 3778, 3804, 3888, 3993, 4040]. **Nonconservative** [748, 944, 1083, 3211]. **Nonconvergence** [1213]. **Nonconvex** [536, 1360, 1549, 1857, 1872, 1985, 2032, 2077, 2258, 2297, 2722, 2777, 2818, 2990, 3036, 3163, 3668, 3689]. **Nonergodic** [2348]. **Nonet** [410]. **Nonhomogeneous** [4034]. **Nonisometric** [2785]. **noniterative** [135]. **Nonlinear** [237, 249, 282, 326, 383, 442, 586, 650, 682, 731, 818, 832, 848, 869,

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[23, 25, 58, 92, 163, 202, 237, 268, 330, 402, 403, 472, 480, 520, 581, 680, 697, 723, 737, 829, 856, 870, 871, 923, 937, 938, 942, 980, 1011, 1014, 1145, 1151, 1163, 1209, 1299, 1309, 1375, 1381, 1446, 1505, 1507, 1521, 1613, 1680, 1687, 1723, 1802, 1805, 1812, 1820, 1833, 1869, 1875, 1967, 2048, 2181, 2195, 2206, 2233, 2314, 2341, 2375, 2389, 2456, 2541, 2588, 2614, 2618, 2636, 2667, 2683, 2707, 2717, 2723, 2726, 2760, 2936, 2974, 3110, 3235, 3236, 3253, 3331, 3467, 3503, 3520, 3558, 3562, 3615, 3664, 3751, 3774, 3795, 3829, 3841, 3909, 4059, 4070]. **Numerical** [101, 253, 278, 283, 289, 326, 355, 380, 381, 452, 459, 481, 496, 502, 537, 568, 642, 643, 667, 670, 694, 696, 713, 818, 830, 840, 848, 878, 887, 1059, 1100, 1111, 1170, 1183, 1198, 1320, 1347, 1358, 1457, 1470, 1560, 1562, 1572, 1606, 1768, 1772, 1777, 1816, 1821, 1845, 1892, 1939, 1998, 2042, 2083, 2110, 2134, 2149, 2178, 2215, 2217, 2227, 2262, 2328, 2329, 2332, 2342, 2494, 2515, 2530, 2549, 2654, 2660, 2737, 2738, 2848, 2856, 2927, 2953, 2996, 3057, 3156, 3215, 3262, 3384, 3415, 3458, 3506, 3507, 3510, 3552, 3645, 3646, 3657, 3662, 3721, 3729, 3752, 3764, 3802, 3832, 3837, 3846, 3879, 3906, 3977]. **Numerical** [10, 69, 97, 113, 116, 121, 123, 133, 203, 216, 218, 222, 287, 306, 311, 319, 390, 396, 407, 458, 576, 577, 582, 603, 610, 626, 677, 692, 715, 733, 734, 809, 820, 827, 852, 898, 952, 964, 970, 978, 1071, 1112, 1184, 1232, 1253, 1271, 1292, 1331, 1352, 1380, 1408, 1417, 1468, 1479, 1511, 1517, 1600, 1636, 1646, 1686, 1705, 1884, 1905, 1980, 2018, 2039, 2113, 2160, 2279, 2322, 2347, 2377, 2395, 2457, 2469, 2481, 2524, 2590, 2592, 2621, 2648, 2674, 2765, 2893, 2913, 2978, 3002, 3113, 3136, 3166, 3240, 3316, 3372, 3455, 3477, 3485, 3555, 3561, 3704, 3806, 3828, 3872, 3934, 3941, 3943, 3947, 4018]. **numerical** [30, 32, 57, 70, 110, 160, 161, 169, 170, 185, 186, 3253]. **Numerically** [382, 705, 1423, 2179, 2837]. **Numerics** [2681]. **Numerov** [2054, 3025, 3172]. **Nunziato** [884]. **NURBS** [3921]. **Nyström** [249].

O [475]. **Oberbeck** [1692]. **Object** [242]. **Object-Oriented** [242]. **objective** [2266]. **Objectives** [2950, 3457]. **Objects** [246, 260, 2264, 2265]. **Observability** [624]. **Observables** [820]. **Observation** [2873]. **Observations** [2722]. **Observed** [2896]. **Obstacle** [418, 1109, 1914, 2544, 2611, 2743, 4058]. **Obstacles** [1272, 1784, 2319, 3687, 3726, 3982]. **Obtain** [1027]. **Obtained** [3540]. **obtuse** [2818]. **Ocean** [172, 229, 408, 416, 435, 1699, 2351, 2692]. **Octree** [1136]. **Odd** [775, 812]. **ODE** [3591]. **ODEs** [477, 1598, 1646, 2127, 3504]. **Oedema** [3270]. **Off** [415, 3081, 3375, 4031]. **Offline** [1933, 2493, 2665]. **Offline-Enhanced** [1933]. **Offline-Free** [2493]. **Ohta** [2439]. **Oil** [618, 1777]. **Oldroyd** [328]. **Oleg** [1777]. **Once** [2609, 2867]. **One** [28, 71, 119, 280, 369, 404, 439, 555, 559, 594, 634, 635, 667, 735, 792, 800, 802, 820, 824, 1076, 1083, 1156, 1261, 1262, 1271, 1286, 1287, 1414, 1453, 1528, 1533, 1773, 1823, 1875, 1920, 1926, 1950, 1978, 2099, 2121, 2192, 2287, 2288, 2308, 2327, 2333, 2336, 2397, 2496, 2521, 2536, 2616, 2756, 2788, 2798, 2924, 3096, 3103, 3113, 3290, 3316, 3505, 3665, 3920, 3934, 3952, 3996]. **One-Dimension** [3113]. **One-Dimensional** [28, 280, 369, 594, 635, 667, 800, 820, 1076, 1083, 1156, 1261, 1271, 1528, 1875, 1920, 1950, 1978, 2099, 2121, 2496, 2521, 2756, 3103, 3505, 3665, 3920, 3996].

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