A Complete Bibliography of Publications in

*Foundations of Physics*

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
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

30 April 2019
Version 1.59

Title word cross-reference

$ [2892]. (1 + 1) [2193]. (1 + 2) [3613]. (\delta) [3469]. 0 [1930]. 0 \leq \theta < \infty [1976].
1 [3086, 2334, 3477, 1930, 1953, 1213]. 1 + 1 [2327, 3634]. 1 – PN [3144]. 1/2
[2792, 2459, 1441, 2138, 836, 1065, 78, 441, 758, 1089]. 1/r [3333, 3180]. 11
[3832]. $110.00/$40.00 [2788]. 120 [3752]. $130.00 [2583]. $137.00 [2489].
$138.00 [2559]. $138/95 [2602]. $139.50 [2778]. $149.00 [2551]. $167.00
[2488]. $168 [2624]. 18 [2555]. $185 [2490]. $186.00 [2487]. $191.00 [2776].
$193.00 [2814]. 2 [2646]. $219.00 [2701]. $23.95 [2491]. $24 [2960]. $25.95
[2617]. $27.00 [2337]. $27.50 [2338]. $28.95 [2812]. 25 [2138]. 3
[2918, 2093, 4080]. $303.00/$99.00 [2896]. $35.00 [2492]. $35.00/$20.00
[2533]. $36.80 [2680]. 4 [1508, 2065, 3267, 3442, 3440, 2723, 4140, 2845].
$42.00 [2534]. $45.00 [2610]. $49.50 [2760]. $49.95 [2532]. 4\pi [3861]. 5
[831, 2723, 748, 3928]. $55.00 [2759]. 6 [2194]. $60.00 [2558]. 600 [3443].
$70 [2634, 2779]. $75 [2829]. 8 [1065]. $825.00 [2309]. $849.95 [2368].
$89.95 [2813]. $95.00 [2801]. $95.00/$40.00 [2670]. (1) [3042]. (3) [1918]. –


4 [2369, 2788, 2558, 3315, 2960].

5 [2488, 2778, 2610, 2308]. 50th [529].

6 [2829]. 60th [3221]. 65th [2199]. 69.95 [2892].

7 [2338].

8 [2759]. 80th [3340].

9 [2583, 2634, 2896, 2532, 2813]. 96 [2380]. 981 [2624]. 981-02-4039-2 [2624]. 9th [2360, 2371, 2383].

=0 [194].

Belinfante [1060]. Bell
[1674, 3469, 4045, 2948, 786, 2949, 2416, 1295, 565, 1293, 1405, 2387, 3210,
1268, 2928, 1671, 703, 1262, 1258, 3330, 3993, 2978, 60, 3537, 1443, 2935, 3732,
3585, 1761, 2407, 2183, 3554, 1975, 1707, 3797, 1376, 490, 1109, 88, 1923, 3417,
1281, 1207, 2693, 3890, 1436, 3660, 315, 2925, 3839, 1259, 1442, 2601, 3843,
3668, 1638, 3814, 3979, 4040, 3188, 212, 2943, 4017, 1062, 3427, 3978, 3206,
4089, 2221, 2553, 3828, 785, 1884, 4045, 1296, 2833, 3717, 3965, 903, 4138,
1318, 357, 1285, 3199, 3464, 3443, 3666, 3145, 2976, 432]. Bell-Type
[2948, 2949, 1674, 3828, 1671, 1436]. Bellac [2829]. Beller [2533]. Below
[753, 745, 735]. Berkeley [2245]. Berlin [2892, 2680]. Bernoulli
Bethe [1953]. betting [635]. Between [2891, 4043, 3866, 3405, 3787, 3340,
2442, 3768, 2288, 3782, 2587, 2588, 3501, 3287, 2592, 2786, 2668, 2574, 2796,
3630, 3634, 982, 21, 1530, 1310, 635, 3334, 3024, 999, 1270, 1821, 1684, 1146,
2947, 285, 747, 324, 3211, 1166, 1080, 1650, 891, 465, 77, 101]. Beyond
[2564, 4094, 3940, 4090, 3247, 2473, 3736, 2104, 2036, 2559]. Bi [4136].
Bi-directional [4136]. Bianchi [1027, 834, 3895]. Bias [3233, 2634, 4227].
[2836, 2450, 2377]. Big [3273, 200, 4136, 4106]. Bilinear [3665]. Billiard
[2472, 3242, 2444, 2462]. Billiards [2453, 2455]. bimetric
[672, 593, 1079, 729, 551, 1100, 1168]. Binary [3888]. Binding [4132].
Biography [2532, 4180]. Biological [275, 1294]. Biology
[2199, 2318, 2424, 2437, 2449, 2471, 3221, 3340, 2961, 2831, 522, 538, 495, 668,
1492, 2029, 1040, 1259, 1857, 951, 529, 584, 1937]. Bispinor [2301]. Bit
[3879, 2482, 3291, 4048]. Bitbol [2177]. Bivariate [641, 3828]. BKS [3334].
BL [3364]. BL-algebras [3364]. Black
[2911, 2651, 2639, 4102, 4117, 3303, 2665, 2805, 3747, 2349, 3132, 2657, 4109,
3991, 2649, 4150, 4036, 3351, 3719, 3161, 3083, 2638, 4075, 2566, 3736, 3796,
3966, 4062, 3057, 2647, 4119, 2660, 851, 2650, 2646, 3933, 4103, 485, 668, 2380].
black-body [686]. Black-Hole [2349, 2657, 2656]. Black-Swan [3719].
Blackbody [3076, 3335, 3540, 2414, 1106]. Blackett [738, 1169]. Blobs
[2654, 778, 705]. Body [2717, 2767, 2768, 3344, 3684, 2487, 2797, 2321, 2133,
2144, 1954, 1532, 157, 1607, 566, 121, 225, 364, 1107, 686, 4176]. Bogolubov
[2649, 815]. Bohm
[1051, 1064, 1068, 2104, 3903, 4131, 2228, 2881, 2355, 2354, 2543, 2544, 3150,
1723, 2877, 3207, 462, 1530, 1923, 4374, 1298, 3915, 1431, 3287, 3514, 1460,
1479, 2706, 1040, 3651, 3290, 1591, 1592, 1718, 4087, 652, 3925, 1728, 2266, 2875,
2673, 1524, 1720, 2880, 1306, 445, 1043, 1992, 1802, 1593, 1794, 1042, 3140].
Caused [2200].
Causes [4027].
Causality [1054].
Cavalleri [606, 607, 605].
Cavities [2215, 2414, 1538, 1535].
Cavity [3946, 1591, 1592].
CDM [4112].
celebrated [4167].
Cell [3752, 3443, 534].
cells [70].
Cellular [3840, 3845, 3634].
Censor [678].
Censors [2985].
censorship [2022].
Center [2501, 1629, 533].
center-of-mass [1629].
Central [761, 1567, 2796].
Century [2381, 2848, 1437].
certain [1837].
certainty [4167, 2234].
CFT [3267, 3442].
chain [2006, 136].
Chains [3614, 3225, 4091].
challenge [1858].
Chamber [2839, 3773, 4063].
Chance [2247, 1996, 4164].
Change [3829, 3948].
Changed [2572].
Changes [3778, 3538, 287].
Changing [2143, 4073, 3934].
Channel [3398].
Channels [3566, 3565, 3583, 3791].
Chaos [2369, 1845, 2451, 3113, 2464, 2457, 1174, 1080, 1972, 813, 1960, 2015, 927, 4181, 4217].
Chaotic [2472, 2463, 2452, 1963].
chaotic-like [1963].
Chaplygin [4141].
Character [4084, 4018, 1104, 701, 1417, 1129].
Characterizability [2353].
Characterization [3855, 2975, 3831, 1743].
Characterizations [3227].
Characterizing [3754, 2737].
Charge [2561, 2545, 3065, 3864, 2543, 3076, 2805, 3513, 4150, 2498, 2714, 3128, 2898, 3297, 3953, 3137, 3178, 2565, 2715, 278, 2417, 3616, 3902, 107, 78, 1713, 1545, 1555].
Charge-Symmetric [3953].
Charged [2639, 3389, 2499, 2623, 2781, 1762, 1099, 1585, 1377, 436, 752, 285, 1513].
Charges [2525, 3397, 3615, 3775, 767, 341].
Charles [1231, 1241, 1242, 1215].
Chemical [2428].
Chemistry [2602, 3958, 2727, 3066, 4189].
Chicago [2533].
Childhood [2232].
Chiral [670, 2319, 2536, 2037, 1956, 2014].
CHN [1941].
Choice [3271, 2351, 3664, 3878, 3183, 2074, 2933, 1035, 1596, 3283].
Choosing [3539].
Chris [2801].
Chronogenesis [3645].
chronons [1770].
chronous [486].
CHSH [3812, 3979].
Chuang [2534].
Circle [2768, 1704].
Circuit [3784, 854].
Circuits [3737, 2080].
Circulating [2721].
City [2232].
Cl [1577].
Claim [3604].
Claimed [3965].
Clarification [3063].
Class [4004, 3496, 575, 1847, 1988, 38].
Classes [3264].
Classic [3467, 684].
Classical [2891, 2391, 3192, 3015, 3654, 2549, 3692, 2301, 2067, 2180, 3860, 3294, 2869, 3988, 2881, 2355, 2543, 3076, 3335, 3540, 3656, 3920, 3405, 3336, 3787, 2202, 2108, 2422, 2992, 3148, 3106, 3477, 1198, 2288, 2414, 2478, 3217, 1127, 4076, 3782, 3451, 3767, 2109, 1500, 3700, 2072, 3089, 1699, 2959, 461, 3257, 1515, 2158, 4128, 2084, 2908, 2587, 2588, 2519, 4079, 3316, 3471, 2890, 3251, 3915, 1431, 3296, 2899, 3128, 3790, 2558, 1367, 4154, 4155, 4171, 3439, 2983, 3820, 2252, 2786, 3247, 3329, 3406, 3812, 4008, 3069, 3992, 3161, 3123, 1567, 2810, 2152, 934, 3925, 3378, 1990, 3407].
11

Classical-Quantum [3951]. Classicality [3175, 3168]. Classically [3379].
Classification [1534, 321]. Clauser [3730, 2678]. Clean [2602, 4189].
Clumsiness [3519]. Cluster [2717, 2809, 3431]. CM [4107]. CM-Type [2464].
commutativity [2031, 616]. commute [1959, 756]. comoving [477].
Complement [2921]. Complementarity [2564, 2933, 11, 3558, 3882, 2922, 3358, 4018, 3769, 2872, 3091, 2958, 3377, 952].
Complementary [2921]. Completeness [3879, 3744, 2939, 3205, 3690, 1547, 366, 1252, 468]. Completed [3477].
Eikonal [2331, 2723, 2900]. Einstein [3042, 3063, 3003, 1123, 2559, 2170, 2993, 3860, 4120, 671, 3585, 3922, 971, 3142, 1025, 3696, 1727, 1245, 3273, 1903, 1362, 398, 473, 1244, 3274, 3449, 3834, 1044, 2861, 1862, 728, 1465, 797, 3642, 3907, 1820, 3765, 2415, 131, 302, 3178, 952, 450, 114, 1159, 1714, 710, 2876, 2028, 2920, 2722, 2764, 18, 776, 3689, 787, 439, 372, 3964, 2120, 2990, 298, 1069, 236, 430, 155, 2136, 2190, 1478, 1593, 1794, 417, 4213, 3140, 777, 891, 517, 1654, 4223, 1892, 2960, 3400].
Electrogravitational [3784, 2090]. Electromagnetism [2355, 2902, 2903, 4023, 3208, 2105, 4152, 272, 1699, 1691, 1918, 1087, 593, 728, 1079, 1303, 289, 1155].
Electron [2841, 3335, 3159, 3598, 2428, 2519, 1570, 1998, 3311, 3297, 2194, 2113, 3974, 2882].
[4194, 4202, 1745, 2776]. **EPR**
[1403, 2351, 1133, 1243, 1461, 1707, 1923, 3930, 3890, 3183, 3283, 3156, 3469, 1246, 2601, 3668, 3532, 2969, 483, 3047, 1285, 2416, 1802, 2817, 972, 1054].
**EPR-B** [3930].
**EPR-Like** [1923].
**EPR-paradox** [483].
**EPR-Type** [3183, 3283].
**EPRB** [3031].
**EPRL** [3561].
**Epstein** [3375].
**Equation** [3869, 3333, 3987, 3667, 4005, 3860, 4015, 2479, 3806, 3939, 3696, 4141, 3800, 3088, 2513, 3390, 2129, 2714, 3613, 3644, 3863, 3514, 2567, 2159, 2518, 3246, 2257, 3953, 3440, 1246, 2601, 3668, 3532, 2969, 483, 3047, 1285, 2416, 1802, 2817, 972, 1054].
**Equilibration** [3112].
**Equilibrium** [3114, 1756, 2829, 2495, 2668, 4207, 4216, 4222, 1171, 1526, 958, 233, 56, 393, 3894, 446, 1966, 942, 2829].
**Equivalence** [2672, 3025, 2837, 3588, 2565, 2540, 2341, 3753, 92, 816, 881, 1614, 185, 1829, 119, 1117, 1604, 257, 1662, 555, 2584].
**Equivalent** [4007, 2072, 3390, 3391, 849, 4073, 3009, 14, 8].
**Erased** [3026].
**Eraser** [3878, 2074].
**Erasure** [3183, 3283, 3026].
**Ergodic** [3262].
**Eriksen** [3953].
**Errata** [894, 1988].
**Erratum** [132, 208, 442, 502, 564, 791, 792, 803, 804, 805, 879, 983, 2122, 2123, 2561, 3618, 2761, 94, 3298, 494, 3345].
**Error** [407, 968].
**Errors** [2554].
**Ertel** [1905, 2027].
**Erwin** [997, 1001, 1017, 994, 993, 998, 952, 1007, 1014].
**Escape** [2959].
**Escuela** [2370].
**Esfold** [4032].
**Esoteric** [4167].
**Esposito** [2095].
**ESR** [3417, 3647].
**Essence** [3099, 3196].
**Essential** [2852, 4204, 4209, 435, 2813].
**Establish** [4054].
**Estimated** [3781].
**estimates** [822].
**estimation** [135, 1233].
**eternal** [1153].
**Ether** [2848, 36, 725, 83, 186].
**ether-drift** [725].
**Etherino** [3058].
**Ettore** [2794, 3073, 3078].
**Euclidian** [4160, 2716, 4127, 658, 1978, 2095].
**Eugene** [2238, 2285, 537, 522].
**Euler** [3696].
**EUR** [2593].
**eV** [2334].
**evade** [840].
**Evaluating** [1630, 2324].
**Evan** [2338].
**Evans** [3119, 3120, 3121, 3258].
**Evaporating** [4150].
**Evasion** [4124].
**Event** [3655, 2804, 3663, 3140, 1776, 1414].
**event-anti-event** [1776].
**Event-by-Event** [3140].
**Events** [3675, 3719, 3551, 3174, 602, 1264, 1726, 1945, 1756, 1752, 1951, 188, 1147, 413].
**Everett** [2140, 344, 2877, 2394, 3409, 2619, 2663, 2998, 3459, 1042].
**Everettian** [4083, 4135].
**Evert** [2489].
**everything** [1498].
**Evidence** [540, 796, 2604, 2681, 2691, 1181, 3555, 520, 1979, 1169].
**Evolution** [2841, 2911, 566, 3387, 2753, 2754, 2791, 3703, 3523, 3921, 3829, 2900, 2975, 3157, 270, 294, 1649, 1706, 1411, 504, 1357, 550, 505, 270].
**Evolution-parameter** [566].
**evolutional** [1035].
**Evolutionary**
[968, 3487, 1584]. evolutions [1507, 2001, 928]. Evolve [2756]. Evolving
[3608, 3472, 942]. Exact [4004, 2378, 3613, 3128, 3907, 2125, 3616, 1025, 838].
exactly [1534]. exactness [1902]. Example [3086, 2931, 1682, 1494].
examples [1083, 703, 310, 1269, 1997]. Exchange [2579, 933, 498].
[3309, 3313, 3402, 3671, 2699, 697]. Exclusive [3551, 211]. Exclusively [3383]. exhaustive [211]. Exhibit [2292]. exhibits [30]. Exist
[2354, 2984, 4037, 3965, 3339, 678, 103, 1802]. Existence
[2401, 856, 1390, 2650, 985, 2032, 1899, 1976, 1315]. Exorcising [3398].
Exotic [2793, 904]. expanded [1470]. Expanding [2648, 1497, 687, 374].
Expansion [3025, 1525]. expansions [736]. Expectation
[2459, 956, 698]. Expectations [2961, 461]. Expected [2065, 4112]. Experiment
[2351, 2915, 2930, 3299, 3402, 3166, 3093, 2909, 3930, 3283, 3031, 2207, 3254, 3549, 3811, 2289, 3002, 2607, 2582, 3177, 3091, 3155, 3994, 3185, 1726, 1464, 1651, 1754, 765, 567, 883, 1893, 392, 1044, 1465, 725, 464, 425, 450, 980, 1043, 7, 155, 1802, 892, 1194, 2824]. Experimental
[3309, 3313, 295, 3402, 3886, 3201, 3804, 3258, 3882, 2289, 3814, 494, 1055, 2844, 1122, 2673, 288, 3813, 2509, 445, 3699, 3555, 2596, 389, 1979].
experimentation [1598]. Experiments
[3271, 4007, 3150, 2889, 3585, 3721, 3664, 3183, 3283, 2229, 2208, 3648, 2111, 2134, 2582, 3199, 3144, 3140, 703, 1310, 1376, 1308, 1596, 274, 1110, 303, 1480, 784, 776, 1860, 1069, 74, 430, 1182]. Explain [3717]. Explained [3878].
Explaining [3005, 3870]. Explanation
[2228, 2544, 4058, 3471, 3469, 2598, 466, 1246, 411, 6]. explicate [67]. Explicit [703, 964, 1291, 1783, 903]. Exploiting [3617]. Exponential
[2181, 1360]. Extended [2911, 2496, 2665, 2894, 3576, 163, 2269, 3437, 214, 3775, 2623, 2139, 2314, 3994, 1099, 1585, 265, 1180, 1319, 1449, 1980, 766, 691, 721, 1757, 438, 1432, 1822, 1195]. Extendibility [4091]. Extending
[3132, 2165]. Extensible [2349]. Extension
[3193, 3032, 3487, 600, 428, 1459, 269, 319]. Extensional [3491]. Extensions
[3653, 3963, 3673, 1915]. extensive [885]. External
[3354, 3953, 2113, 2314, 3467, 1144]. Extra [3025, 3328]. Extra-dimensions
Eye [2509].

Fabrice [2829]. Face [3897]. Fact [50]. Factorable [2316]. Factorizability
[2678, 1917]. Factorization [2055, 670, 1581]. Factorizations [3014].
Failure [3795, 2747, 2833, 361]. failures [784]. Faith [2961]. Fall

Generalization
[2031, 2869, 1292, 2693, 315, 3868, 3259, 2919, 3152, 1513, 1992, 1711].
generalizations [845].

Generation
[3420, 2263, 1493, 3821].
generations [3374].
generators [1691, 487].

Geometrical
[3777, 2697, 3212, 2458, 726, 3016, 3149, 697, 1165, 236, 1494, 1293].

Geometries
[2349, 2800, 3067, 2646].

Geometrization
[691, 721, 1415, 1416, 1309].
geometrizes [1868].
geometrizing [3384].

Geometro [1319, 1290, 1822, 2139, 1980].

Geometro-Differential
[2139, 1822, 1980].

Geometro-stochastic [1319, 1290].

Geometrodifferential
[2269].
geometrodynamic [824].
geometrodynamics [829].
geometrostatic [534].

Geometry
[4052, 3265, 2707, 3627, 4097, 2613, 3971, 3045, 2530, 3823, 940, 4127, 2260, 2591, 2926, 2248, 3392, 3137, 3178, 3608, 3319, 3388, 2620, 4059, 3636, 3381, 2377, 809, 2952, 1496, 1724, 560, 234, 1543, 1419, 1571, 960, 1046, 1701, 1418, 526, 1398, 456, 4168, 532, 1995, 1640].
geon [826].
Geophysical [2909].

George
[2829, 2813, 2234].

Gerald [4116].

Gerlach [2558].

Ghatak [2896].

Ghins [2402].

Ghirardi [3105].

Ghost [3054, 1699].

Ghosts [2320].

GHZ [1900, 2216].

Giampiero [2095].

Giant [2434].

Gibbs [2176].

Giora [2170].

Giraffe [3252].

Giuseppe [2095].
given [641, 895].
giving [198].

Gleason [4009, 1274, 3223, 2763, 2407, 3940, 1275, 3089].

Gleason-Type
[4009, 2673, 3940].

Glimmers [3279].

Global
[1939, 1518, 2697, 10, 1526, 1946].

Glueball [2162].

Gluons [2630].

GNS [3559].

GNS-Correspondence [3559].

Go [1335, 3897, 3085].
goal [703].
god [1400, 1868, 457].

Gödel [2960, 2170, 1862, 199, 710, 4213].

Godoy [2778, 2237].

Goes [2245].

Going [2254].

Good [3991, 1276].

Gordon

John [2121, 2186, 828, 835, 866, 1268, 1258, 864, 1259, 4225, 4226, 1318, 819, 863, 2593].


Measurement-Based [3412, 3146]. measurement-disturbance [2165].
Measurement-Induced [4149]. Measurements [4124, 3015, 3854, 2400, 2137, 2763, 4025, 3940, 567, 3089, 2939, 3272, 2773, 2386, 3996, 2786, 3238, 2264, 2874, 3950, 2209, 3875, 2855, 3458, 3690, 2099, 3016, 3455, 2073, 2667, 2190, 2952, 2953, 2422, 1830, 1420, 981, 1232, 1782, 1816, 1158, 1103, 1548, 1122, 1902, 1201, 1455, 2041, 1003, 4162, 321, 365, 936, 1890, 1648, 1637, 838, 2284].
Measures [3612, 2772, 3227, 1220, 3661, 3748, 727].
Measuring [1081, 2926, 3258, 760, 2350, 2111, 3727, 4119].
Mécanique [2177].
Mechanical [3986, 3293, 2288, 3816, 2316, 2059, 3046, 2810, 1499, 2259, 3458, 3280, 3669, 3873, 4024, 4038, 2310, 342, 157, 257, 558, 299, 1015, 1780, 1607, 1466, 1706, 1548, 852, 3089, 2939, 3272, 2773, 2386, 3996, 2786, 3238, 2264, 2874, 3950, 2209, 3875, 2855, 3458, 3690, 2099, 3016, 3455, 2073, 2667, 2190, 2952, 2953, 2422, 1830, 1420, 981, 1232, 1782, 1816, 1158, 1103, 1548, 1122, 1902, 1201, 1455, 2041, 1003, 4162, 321, 365, 936, 1890, 1648, 1637, 838, 2284].
Mechanics [3432, 3757, 3315, 3314, 3356, 3404, 3819, 1996, 2051, 3820, 2252, 2922, 3811, 3917, 3290, 3380, 2473, 4008, 3803, 3953, 3069, 251, 3765, 2955, 3392, 3921, 2896, 2874, 3436, 2208, 2732, 4087, 3001, 3899, 4051, 3378, 2052, 4083, 4135, 2755, 2823, 4319, 3242, 2176, 2570, 2554, 2169, 3039, 3736, 3911, 3135, 3102, 3712, 3253, 3460, 3659, 2917, 3687, 2796, 3861, 3259, 4070, 3594, 3720, 3739, 4028, 2390, 2946, 3880, 3847, 3655, 4157, 2797, 3388, 3360, 2105, 3769, 2663, 2998, 4064, 2063, 2103, 2304, 2906, 4047, 3219, 2166, 2497, 3968, 3582, 3910, 3551, 2523, 2522, 2640].
mechanics [1147, 582, 785, 63, 271, 365, 2044, 1000, 646, 15, 111, 1155, 243, 268, 1985, 496, 722, 1235, 1166, 1494, 1365, 463, 786, 1698, 475, 75, 1664, 1997, 4190, 399, 966, 1005, 1994, 433, 1711, 1593, 1794,
...
Non-renormalizability [4054].
Non-representative [3986, 3873, 4024]. non-Riemannian [2014].
Non-separability [3660]. Non-Singular [3083, 3472, 4119].
Non-smooth [4143]. Non-standard [1107]. Non-unique [3302].
noncausal [327]. nonclassical [701, 630]. Noncollinearity [43].
Noncommutative [3265, 3376, 2793, 3381, 1083, 1358, 1366].
Noncommuting [1059, 1821]. Noncomposite [3817].
nonconformal [961]. Nonconservation [3244, 3276].
Nonconservative [3808]. nonconserved [491].
Nonconserved-axial [491]. Noncontextual [3977, 4006, 3755].
Nonconventional [3114]. Nondemolition [1636].
Nondispersive [2211, 304, 1787]. Nonequilibrium [3695, 941, 746].
Noninertial [2995]. Noninvariant [1873].
Noninversion [228]. Nonlinear [3099, 3864, 3376, 2443, 3939, 1105, 2434, 2269, 2418, 3438, 331, 3821, 2787, 945, 1352, 1576, 823, 1429, 62, 377, 1513, 1291, 649].
nonlinearity [435]. Nonlocal [1841, 1104, 3939, 2386, 2732, 3822, 3542, 1129, 3964, 3155, 3935, 3698, 3185, 1816, 2049, 2037, 723].
Nonlocality [3761, 3993, 1274, 3232, 3585, 2091, 1275, 2517, 3476, 2316, 3236, 3355, 3463, 559, 3453, 4017, 3648, 3435, 2021, 2058, 2073, 2867, 3243, 152, 1292, 1294, 1612, 1019, 1053, 891, 2220]. nonlocalization [403].
Nonsense [3307].
Nonoccurrence [722]. Nonparallel [1820]. Nonperturbative [2782, 539, 2828].
Nonquantum [3209]. nonrelativistic [583].
Nonrelativistic [3421, 2946, 2781, 2092, 2103, 433, 500, 1528, 626, 273, 925].
Nonspace [3307]. nonseparability [1029]. Nonsignaling [4017].
Nonsingularity [2722]. Nonsign [332].
nonstandard [1510]. Nonsymmetric [3381]. Nontemporal [3007].
Notation [3547]. Note [4055, 3526, 2936, 895, 3425, 3049, 1300, 1462, 344, 1212, 1193, 610, 1298, 742, 507, 863, 3118]. Notes [3189]. nothing [1709].
nuclei [2016]. Nucleon [2839, 3327, 2332, 2365, 1615, 1502].
Null-surfaces [3396]. Number [2782, 2068, 2097, 2110, 2124, 2132, 2142, 2154, 2164, 2172, 2178, 2187, 2197, 2213, 2225, 2239, 2249, 2255, 2261, 2270, 2277, 2286, 2299, 2372, 2361, 2384, 2412, 2423, 2436, 2662, 2671, 2682, 2696, 2702, 2709, 2718, 2728, 2736, 2744, 2752, 2762, 2769, 2780, 2789, 2795, 2802, 2806, 2815, 2822, 2830, 2884, 4013, 4012, 3068, 2885, 3508, 549]. Numbers [2574, 3375, 3926, 4019, 1982, 3296].
Numerical
[3778, 2439]. nutshell [4205, 2760].

O [1546, 2235]. Object [3086, 4147]. objectification [1346, 1443].
Objection [4041]. objections [1714, 1942].
Objective
[3287, 3198, 3693, 1394, 3361, 3372, 1073]. Object
[95, 3728, 3239, 2115, 1289, 757, 1663]. Objection
[4041]. objections [1714, 1942].

Observe[2020]. Observe[2020]. Observeability
[3836, 756, 1213, 1697]. Observable
[3354, 3612, 2527, 3094, 3417, 2386, 870, 2243, 3189, 3228, 3358, 3690, 2734, 4073, 3830, 2404, 3174, 4098, 3085, 727, 981, 2020, 1821, 58, 96, 427, 1148, 756, 1213, 1698, 1209, 1053, 1361, 622, 1697]. Observation
[2634, 2053, 2090, 3509, 1115, 4227, 2040, 65]. Observational
[4086]. observations [1437]. Observatory [2824]. Observer
[2708, 2914, 3820, 2115, 2314, 1180, 1319, 1449, 1143, 1757, 1204, 2044]. Observing
[821]. obtaining [1736]. obtained [1736].

Obvious
[1566, 97, 480, 724, 1256, 1257]. One-Dimensional
[3744, 4063, 444]. One-Particle [4087]. One-Photon [2513, 1716].
One-Way [3151, 2849, 2060, 371, 914, 464, 1873]. Ones [2202]. Ongoing
[2854, 3593]. Only [3005, 2940, 3339, 1390]. Onsager [941, 377].

Ontological
[3975, 3761, 3804, 3370, 3487, 3880, 3847, 1883]. Ontology
[3658, 3881, 3491, 3769, 4082, 3686, 4130, 3763]. opacity [942]. opaqueness [316]. Open
[2360, 2371, 2383, 3276, 4218, 4221, 3809, 3829, 1627, 2673, 2759, 4191, 4197, 4214, 2236]. Operates [2774]. Operation [580, 397].
Operation-valued [580]. Operational
[3271, 3373, 125, 1239, 3360, 2620, 2074, 426, 261, 1227, 1217, 582].
operationalism [581]. Operationalist [4146]. Operations
[2288, 3776, 2563, 2393, 622]. Operator [2367, 3927, 2156, 2772, 2184, 3440, 3483, 3388, 2103, 3218, 2001, 1225, 626, 412, 420, 1770, 1650]. Operators
[3733, 2072, 3770, 3442, 3793, 2994, 3483, 2907, 3908, 1059, 617, 1566, 97, 480, 724, 1256, 1257, 1579, 1711]. Oppenheim [4002]. Oppenheimer
[3746, 2438]. Opposite [2798]. Optical [3882, 3165, 2798, 883, 1376].

Optically [3734]. Optics
[2938, 3165, 3553, 4153, 1008, 1787, 1011, 2382, 2235]. optimally [1978].
Optimization [2529]. Option [3505]. Oracles [4093]. Orbit
[2472, 2451, 2461, 822]. Orbital [3927, 2425, 2429, 3437, 3311, 2365, 1529].
Orbital- [2429]. Orbital-Free [3437]. Orbits
[2450, 2478, 3974, 1567].
Order [3854, 3891, 2818, 2425, 3778, 2711, 3963, 3054, 3122, 3167, 2480, 3632, 3630, 3633, 1448, 497, 32, 67, 963, 1984, 1065, 1871, 386, 1228, 278, 77, 101].


organization [955]. Organizers [3709]. Orhan [1492, 2069]. Origin [3413, 2577, 3269, 2251, 2695, 2942, 3070, 3788, 3577, 3925, 2656, 2797, 3622, 2413, 2825, 857, 959, 230, 249, 662, 693, 1509, 702, 2042, 89].


Partial [2934, 1672, 462, 3708, 2345, 3458]. partially [413]. Particle [3041, 2782, 3856, 2583, 2290, 3658, 4131, 1459, 3081, 3336, 2161, 3159, 3774, 3955, 3068, 2713, 3898, 3930, 2129, 2547, 2548, 2204, 41, 3501, 3389, 3882, 3889, 3392, 4087, 2828, 2885, 2081, 2570, 3701, 128, 2111, 2499, 3030, 3584].
Planck [3695, 1727, 1903, 1768, 235, 126, 2185]. planckions [705, 1199].

52

3220, 759, 1187, 1188, 395, 405, 1360, 375, 1757, 2165, 886, 891, 465].

Relational [4169, 3892, 3962, 3080, 3581, 4051, 4139, 4064, 3630, 3047, 3141, 4099, 3923, 2309]. Relations
[3787, 2442, 3222, 2379, 3747, 3817, 4123, 2786, 3905, 3378, 3950, 2784, 3830, 4059, 3593, 2227, 204, 941, 840, 727, 1027, 1821, 1009, 478, 783, 1450].

Relationship [3287, 1270, 324, 1166, 236]. Relationships [21, 2280, 2947].

Relative [3299, 3877, 3044, 98, 262, 3594, 2663, 4130, 247, 862, 1708, 1584, 1405].

Relatives [3403]. relativistic [198]. Relativistic


Relativized [1402, 1388]. Relativizing [2363]. Relaxation [4134, 2433]. relevance [74].


Reply [3175, 3106, 4025, 3105, 4033, 2302, 3166, 416, 415, 3349, 379, 3702, 3978, 3532, 468, 3199, 2242, 3865, 521, 1586, 611, 607, 448, 605]. Report [890, 1331, 996]. Representation


Sommerfeld
[Sonic][4026]. Sound [4026]. Source
[3860, 3706, 3948, 3338, 736, 176, 477, 354]. Sources
[4108, 3876, 2311, 1904, 1690]. Space
[3260, 4055, 4102, 2854, 3074, 3909, 2282, 2808, 3747, 3939, 4126, 2065, 3857, 2191, 2580, 2008, 254, 777, 4084].

Speckens [3879, 3547]. Sphere [2726, 4056]. spherical [120]. Spherically
Superfluids [2971]. supergravity [691, 721, 554]. Supergroups [910].
superheavy [2016]. Superloop [3857]. Superluminal [3576, 3106, 633, 2843, 2509, 3717, 2970, 2057, 3935, 628, 1028, 172, 519, 1167, 1593].
Supermassive [3991]. Supermetrics [3316]. Supermultiplicity [2010].
Supernovae [2988]. Superoperators [2953]. superoptic [1026, 1033].
Superstrings [2684, 3253, 3712]. Superrelativity [1967].
Superselection [3587, 369]. superspace [910]. Superstring [3603, 3602].
Superstrings [2684, 3253, 3712]. Supersymmetric [3857, 2907].
Supersymmetry [2684, 3775, 545, 554, 2368]. Supertask [2259].
Supertasks [3281]. Supervenience [3446]. Supplementarity [2922].
Supplementary [2640]. support [511]. Supports [2833, 912].
Surface [2525, 3048, 3109, 689, 1625]. Surfaces [1527, 3396].
Sussman [2558]. SuSy [1128]. Sutherland [971, 972]. Swan [3719].
Swapping [2933]. Sylvia [2490]. Symmetric [3988, 4108, 3892, 1783, 3953, 3035, 1817, 1904, 1916, 1748, 2323].
Symmetrized [2231, 8]. Symmetry [3450, 3995, 2300, 2307, 335, 3119, 3321, 775, 4137, 3320, 2263, 2629, 4128, 73, 3703, 2319, 3170, 3228, 3918, 3331, 2077, 3438, 4051, 4023, 3743, 2080, 3512, 3603, 1374, 2023, 3396, 3124, 3572, 2397, 4038, 174, 844, 1101, 1171, 133, 1035, 3741, 1153, 627, 255, 224, 341, 320, 388, 46, 1307, 528, 312, 1202, 1710, 2005, 2025, 240, 77, 101].
synchrony [371]. synthesis [4170, 4178, 4183, 4196]. Syntopic [321].
System [4007, 3787, 3234, 3224, 2138, 2704, 3320, 3809, 3024, 3501, 3296, 3029, 4006, 2785, 2052, 3829, 3954, 2135, 2550, 3931, 2101, 1339, 982, 1404, 1776, 1121, 775, 3410, 599, 603, 609, 1705, 273, 1495, 1012, 1916, 1769, 1502, 942, 927, 370].
1187, 1188, 1360, 375, 1455, 478, 361, 74, 886, 1450. Unconceived [4068].
Unconditional [2036, 3843]. Unconnected [2883]. Unconstrained [2150, 1836].
Underpinning [3033]. Understanding [2030, 2415, 3003, 4133, 1494, 2308, 1668, 1680, 168, 748, 149, 83].
Uniqueness [3575, 2965, 3871, 530]. Unit [2561, 2545, 3167]. Unital [3565, 1216]. Unitarily [2072]. Unitarity [1508, 2972, 3933, 99]. Unitary
[2717, 2828, 2885, 1648, 1637, 1839, 1572]. United [2369, 2382, 2583, 2788, 2829, 2534, 2491]. Unitless [2272]. Units [2546, 215]. Unity [2441, 17].
Universal [2140, 3938, 2960, 1153, 1862, 861, 1542, 630, 694, 318, 394, 687, 500, 374, 1199, 3136, 3059, 3462, 4136, 2697, 2600, 1746, 3520, 4199, 3430, 3025, 3448, 2988, 3357, 3302, 3280, 3315, 3055, 3630, 3127, 3004].
Used [2182, 2181, 2378]. Uses [3795]. Using [126, 2774, 3186, 2117, 3555, 2053, 3025, 1597, 1820, 1089, 430, 892, 1194, 616]. Usual [2890, 3010]. utilization [1294].

V [2238, 929, 2254]. V. [3430]. Vacua [2326]. Vacuum [2106, 2327, 2848, 3656, 2131, 3113, 2348, 3045, 3376, 1613, 3774, 2258, 3269,
Anonymous:1970:A

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Mirman:1973:CDT


Kantorovich:1973:SHM


Prokhovnik:1973:CVR


Benioff:1973:DVA


Wallace:1973:UQE


Miller:1973:IT


Gudder:1973:GMT

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Greenspan:1974:DNG


Ellis:1974:TGI


deBroglie:1974:SPT


Mayants:1974:RPP


Mittelstaedt:1974:OFQ


Honig:1974:MPR


Krips:1974:FQTb

REFERENCES


REFERENCES


REFERENCES


Edmonds:1975:ERM


Benioff:1975:PMQ


Jaakkola:1975:CIA


Liboff:1975:BCP


Kingsley:1975:CPS


Sarfatti:1975:TUF


Opher:1975:QPC


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Melsheimer:1979:CCM


Rayski:1979:CPM


Moore:1979:CSP


Mickens:1979:LRI


Shah:1979:GTC


Mirman:1979:NSR


Stuart:1979:MSB


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Aharonov:1981:OAT


Pulmannova:1981:OQL


Asanov:1981:FEG


deWet:1981:TNM


Tornqvist:1981:SEP


Bohm:1981:QAA


dEspagnat:1981:CIA

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Poole:1982:PDM


Steeb:1982:CCL


Lock:1982:TPW


Finch:1982:SAB


Vargas:1982:SPL


Schlegel:1982:GMD


Mayants:1982:PLS


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

[Bailey:1983:HLH]


[Atkins:1983:FQV]


[Rastall:1983:BI]


[Fanchi:1983:RMB]


[Dodonov:1983:QIM]


[Ikeda:1983:SSF]

[568] Satoshi Ikeda. Some structural features induced by the space–time metric fluctuation in the theory of gravitational fields. *Foundations of
REFERENCES


Anonymous:1983:PGLa


Jenc:1983:GLF


Gisin:1983:DQD


Hartkamper:1983:FPP


Hellwig:1983:FQS


Kraus:1983:AIP


REFERENCES


REFERENCES


REFERENCES


REFERENCES


158

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

vonBorzeszkowski:1984:DNI


Kilmister:1984:BR


Hamermesh:1984:BR


Longtin:1984:RCB


Kelly:1984:RDE


Embacher:1984:AEM


Burgos:1984:OIO

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Ai:1985:CQA


Treder:1985:PLE


Prokhovnik:1985:ASR


Carmeli:1985:FTTa


Carmeli:1985:FTTb


vonBorzeszkowski:1985:MER


Peres:1985:EGB

REFERENCES


REFERENCES


REFERENCES


[March:1985:BR]


[Oplatka:1985:BR]


[Komar:1985:PGB]


[Anderson:1985:GRS]


[Ashtekar:1985:LAD]


[Barut:1985:GRK]

Goldberg:1985:DBG


Hehl:1985:KTS


Komar:1985:FTC


Kozameh:1985:NSD


Mashhoon:1985:GER


Rosen:1985:SSS


Anonymous:1985:PPB


REFERENCES


REFERENCES


Kraus:1985:MPQ


deBeauregard:1985:RDI


Eccles:1985:BR


Wehrl:1985:BR


Gisin:1985:BR


Cyranski:1985:TVE


Hagston:1985:ETR

REFERENCES


Evans:1985:ACS


Stuewer:1985:BR


Power:1985:BR


Matzner:1985:BR


Graham:1985:BR


Phipps:1985:BR


Seitz:1985:BR


REFERENCES


REFERENCES


REFERENCES

Anonymous:1985:Ec


Anonymous:1985:Ed


Anonymous:1985:Ee


Bogolubov:1985:SAP


Bell:1985:OQL


Banai:1985:QST


Videira:1985:GAD

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

1986. CODEN FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic).

[838] Bernard d’Espagnat. Are the quantum rules exact? The case of the
imperfect measurements. Foundations of Physics, 16(4):351–360, April
1986. CODEN FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic).

[839] Yuval Ne’eman. The problems in quantum foundations in the light of
gauge theories. Foundations of Physics, 16(4):361–377, April 1986. CO-
DEN FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic). URL

[840] V. B. Braginsky and F. Ya. Khalili. How to evade the confrontation with
the uncertainty relations. Foundations of Physics, 16(4):379–382, April
1986. CODEN FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic).

[841] W. G. Unruh. The measurement of quantum noise reduction in squeezed
FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic). URL http://
link.springer.com/article/10.1007/BF01882695.

[842] William K. Wootters. Quantum mechanics without probability ampli-
tudes. Foundations of Physics, 16(4):391–405, April 1986. CODEN
FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic). URL http://
link.springer.com/article/10.1007/BF01882696.

[843] Anonymous. Announcement and call for papers. Foundations of Physics,
16(4):407–408, April 1986. CODEN FNDPA4. ISSN 0015-9018 (print),

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Redei:1986:NHV


Wesley:1986:MMR


Stengers:1986:BR


Ellis:1986:BR


Demianski:1986:BR


Antman:1986:BR


Rudaz:1986:BR

REFERENCES


[885] Enzo Zanchini. On the definition of extensive property energy by the first postulate of thermodynamics. *Foundations of Physics*, 16(9):923–935, September 1986. CODEN FNDPA4. ISSN 0015-9018 (print),
REFERENCES

197


dBeauregard:1986:BDF


dEspagnat:1986:BR


Heller:1986:BR


Welford:1986:BR


Lounesto:1986:RC


deMuynck:1986:RBE


Vargas:1986:KGA

REFERENCES


[Anonymous:1986:EPP]


[Schweizer:1986:PDG]


[Norton:1986:BR]


[Pyenson:1986:BR]


[Williams:1986:BR]


[Saleh:1986:BR]

REFERENCES


Malin:1986:QSP


Kannenberg:1986:IIC


Aron:1986:SAHc


Bennett:1986:BR


Pierce:1986:BR


Chen:1986:BR


Kummer:1987:CAF


REFERENCES


REFERENCES


[941] Gian Paolo Beretta. Quantum thermodynamics of nonequilibrium. On- 
sager reciprocity and dispersion-dissipation relations. *Foundations of 
Physics*, 17(4):365–381, April 1987. CODEN FNDPA4. ISSN 0015- 
article/10.1007/BF00733374.

[942] François Schächter. The probabilistic-informational opacity functional, 
Jaynes’s principle, and distances to equilibrium of an evolving system. 
springer.com/article/10.1007/BF00733375.

FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic). URL http:/ 
link.springer.com/article/10.1007/BF00733376.

[944] M. Carmeli and S. Malin. Field theory on $R \times S^3$ topology. VI: Grav-
FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic). URL http:/ 
link.springer.com/article/10.1007/BF00733377.

quantum theory for gravitating particles. *Foundations of Physics*, 17 
(4):419–423, April 1987. CODEN FNDPA4. ISSN 0015-9018 (print), 
1007/BF00733378.

425–433, April 1987. CODEN FNDPA4. ISSN 0015-9018 (print), 
1007/BF00733379.

435–439, April 1987. CODEN FNDPA4. ISSN 0015-9018 (print),
Inagaki:1987:BR


Capri:1987:BR


Volkenstein:1987:BR


Nicolis:1987:IPH


Mehra:1987:NBD


dEspagnat:1987:ERE


Holland:1987:TCP

REFERENCES


Anonymous:1987:PIP


Selleri:1987:CPP


Cufaro-Petroni:1987:EPR


deBeauregard:1987:ZCE


Hoekzema:1987:LRC


Leacock:1987:PPL


REFERENCES


REFERENCES


REFERENCES


REFERENCES

. Part IV. Invited Papers Commemorating the Centenary of the Birth of Erwin Schrödinger, 12 August 1887.


REFERENCES


REFERENCES

Jones:1988:BR

Greenberg:1988:BR

Bussey:1988:FQM

Dietz:1988:NES

Band:1988:CITa

Davies:1988:NCT

Bishop:1988:STT
REFERENCES


REFERENCES


REFERENCES


Anonymous:1988:PDBb


Cufaro-Petroni:1988:SOW


Kyprianidis:1988:TTP


Rosen:1988:NIP


Selleri:1988:LDD


Horwitz:1988:TAT

L. P. Horwitz, R. I. Arshansky, and A. C. Elitzur. On the two aspects of time: The distinction and its implications. Foundations of
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Jozsa:1989:PMS


Rosen:1989:EPBb


Woodward:1989:NCE


Boya:1989:SSP


Boyer:1989:SST


Ungar:1989:RVC


REFERENCES


REFERENCES

Cattaneo:1990:NAD

Wolf:1990:TDQ

Wignall:1990:MET

Frenkel:1990:SLW

Fanchi:1990:TKP

Cole:1990:CES

vBorzeskowski:1990:PES
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:1990:PCHc


Bub:1990:BRE


Guy:1990:FEE


Fine:1990:EER


Hoffmann:1990:LRE


Multarzynski:1990:DCS


Brody:1990:BR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


References


257

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Ablamowicz:1991:CR


Weitzner:1991:BR


Anonymous:1991:Ca


Frieden:1991:FIC


Foster:1991:SNG


Bartocci:1991:SAC


Zachar:1991:ICR

REFERENCES


Mladenov:1991:GQF


Busch:1991:POQ


Stapleton:1991:AFE


Schulman:1991:SSQ


Vaidman:1991:QTM


Price:1991:ARR


Rosen:1991:SGU

Adomian:1991:LNS


dEspagnat:1991:BR


Holman:1991:BR


Getoor:1991:BR


Anonymous:1991:FAa


Pavsic:1991:IRQ


Kummer:1991:FQTa


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Santos:1992:PMQ]


[Redhead:1992:PCM]


[Treder:1992:CDU]


[Horwitz:1992:DES]


[Namiki:1992:MHS]


[Hoekzema:1992:CQP]


[Hoekzema:1992:QET]
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[1470] O. Costa de Beauregard. Electromagnetic gauge as an integration condition: de Broglie’s argument revisited and expanded. *Foundations of
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Collins:1993:TQU


Dreitlein:1993:UEC


Kundt:1993:MEP


Budinich:1993:CCS


Burt:1993:BCQ


Inomata:1993:TCQa


Anonymous:1993:PB


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Droz-Vincent:1994:MBS


Fanchi:1994:EVP


Land:1994:SRD


Anonymous:1994:LPF


Anonymous:1994:SFMc


Islam:1994:SEQ


Cattaneo:1994:AUQ


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[1711] Pieter E. Vermaas and Dennis Dieks. The modal interpretation of quantum mechanics and its generalization to density operators. *Foundations


320

REFERENCES


Dickson:1995:WPA


Parrott:1995:NPA


Cormier-Delanoue:1995:WCD


Chiatti:1995:PIT


Yan:1995:CMM


Antonelli:1995:BR

REFERENCES


REFERENCES


REFERENCES

Rodrigues:1995:MSN


Cereceda:1995:KST


Asanov:1995:GFE


Dariescu:1995:GTF


Anonymous:1995:CPb


Budinich:1995:CCH


Cohen:1995:QHCa


REFERENCES

Anonymous:1995:CPc

Anonymous:1995:A

Burakovsky:1995:RMD

Cattaneo:1995:SRB

Coecke:1995:HMR

Fujita:1995:BED

Biedenharn:1995:QMT
REFERENCES


REFERENCES


Olver:1995:BR


Cohen:1995:RQM


Bennett:1995:PSE


Rybakov:1995:SMA


Ben-Yaacov:1995:SMA


King:1995:EAL


Nisticò:1995:ERB


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Piirainen:1996:C


Stapp:1996:BR


Bergia:1996:BR


Bergmann:1996:BRb


Lichtenberg:1996:BR


Fulling:1996:BR


REFERENCES

350


Dixon:1996:OXP


Neeman:1996:CQ


Rohrlich:1996:UEP


Aerts:1996:RTW


Prugovecki:1996:LQG


Blanchard:1996:RQE


Mannheim:1996:LGG

REFERENCES


Anonymous:1996:BLP


Woodward:1996:BRb


Coleman:1996:BR


Trump:1997:SPC


Land:1997:PEC


Hannibal:1997:RSP


Owen:1997:BSE


REFERENCES


Treder:1997:MCW


Ungar:1997:TPU


Jones:1997:PCP


Sukhatme:1997:QMC


Kevan:1997:EPR


Anonymous:1997:CPb


Greiner:1997:LB


REFERENCES


Cattaneo:1997:CPO


Rice:1997:NCL


Bana:1997:PKC


Schroeck:1997:SQT


Cocke:1997:IG


Vstovsky:1997:TIS


Caluzi:1997:CAH


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[2092] Yousef I. Salamin. Nonrelativistic strong-field photoionization without


REFERENCES


REFERENCES


REFERENCES


[2125] Carlo Rovelli. “Incerto tempore, incertisque loci”: Can we compute the exact time at which a quantum measurement happens? Foundations


Bob Coecke. A representation for a spin-$S$ entity as a compound system in $\mathbb{R}^3$ consisting of $2S$ individual spin-1/2 entities. *Foundations of


Wiseman:1998:EHM


Shirai:1998:RQM


Rizzi:1998:SLR


Matolcsi:1998:SRF


Mould:1998:CQM


Yourgrau:1998:CDG


Gudder:1998:BRB

Anonymous:1998:BPL]


Anonymous:1998:Aa


Anonymous:1998:IA


Wan:1998:CSS


Mehra:1998:JWG


Mugur-Schachter:1998:BRM

Anonymous:1998:BPLj


Anonymous:1998:Ab


Benci:1999:QPC


Boudet:1999:RER


Boudet:1999:RCM


DeBaere:1999:LBT


Goldstein:1999:IOA

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:1999:SBD


Anonymous:1999:BPLd


Anonymous:1999:Ad


Uffink:1999:TUR


Blanco:1999:HEA


Home:1999:IBA


Assis:1999:EFO

REFERENCES


REFERENCES


REFERENCES


Bacciagaluppi:1999:DMI


Kobe:1999:RSL


DeLorenci:1999:RQV


Norton:1999:QMS


Israelit:1999:MCG


Anonymous:1999:BPLh


Held:1999:MAM


Anonymous:1999:BPLi


Pauri:1999:CRU


Frieden:1999:IUV


Vargas:1999:TAW


Petrosky:1999:TTCb


Cattaneo:1999:ASA


REFERENCES


Pitts:1999:FPG


Mehra:1999:BRB


Anonymous:1999:AIVb


Anonymous:1999:ACPb


Anonymous:1999:BPLl


Belousek:2000:SSC


Bell:2000:CBD


Anonymous:2000:ACP


Rohrlich:2000:EPR


Moreau:2000:DGI


Strauss:2000:RRR


West:2000:ASP


Liboff:2000:GPD


Mannheim:2000:ARG


Boyer:2000:DAB


Boyer:2000:CEA


Strunin:2000:SAA


Teller:2000:IQM


Woodward:2000:BRBb


Anonymous:2000:ASSa


Anonymous:2000:AWOa

Anonymous:2000:FPLa


Zisis:2000:AHV


Svozil:2000:RR


Wheeler:2000:SS


Singleton:2000:OFA


Assis:2000:PES


Anastasovski:2000:ODG

REFERENCES


REFERENCES


REFERENCES


Anonymous:2000:FPLc


Svetlichny:2000:STO


Cole:2000:TBR


Kruger:2000:TDU


Szabo:2000:FRE


Shaarawi:2000:CAF


Jin:2000:TIN


Fazekas:2000:SOO


Bunemann:2000:MBG


Baeriswyl:2000:VSM


Fulde:2000:QCT


Hasegawa:2000:SBM


Kimura:2000:MDA

REFERENCES


REFERENCES

[2438] Oleg Zaitsev, R. Narevich, and R. E. Prange. Quasiclassical Born–
Oppenheimer approximations. *Foundations of Physics*, 31(1):7–26,
January 2001. CODEN FNDPA4. ISSN 0015-9018 (print), 1572-9516

model: Implications for the high T_c pairing mechanism. *Foundations


[2441] John R. Klauder. Coherent state path integrals without resolutions of

[2442] A. Carati and L. Galgani. Theory of dynamical systems and the relations

[2443] G. Contopoulos. The development of nonlinear dynamics in astron-

[2444] Saar Rahav and Shmuel Fishman. Spectral statistics of the rectangu-
lar billiard with a flux line. *Foundations of Physics*, 31(1):115–146,


[2451] K.-F. Berggren and T. Ouchterlony. Chaos in a quantum dot with spin-


REFERENCES


Aurich:2001:OSR


Kleppner:2001:BQM


Braun:2001:LDU


Choquard:2001:HHJ


Palla:2001:NCS


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Stapp:2001:QTR


Assis:2001:SCC


Anonymous:2001:BPLj


Foulis:2001:OCE


Anastopoulos:2001:QTH


Poirier:2001:PSO


REFERENCES


Anonymous: 2001: BPL1


Boyer: 2002: CEI1


Boyer: 2002: SEM


Batchelor: 2002: SMV


Bernal: 2002: FUL


Grandpeix: 2002: PDZa


Grandpeix: 2002: PDZb

Jean-Yves Grandpeix and François Lurçat. Particle description of zero-energy vacuum II: Basic vacuum systems. Foundations of Physics, 32
REFERENCES


REFERENCES


REFERENCES


[Anonymous:2002:BPLc]


[G] Chen:2002:BG


[Genovese:2002:CTL]

REFERENCES


REFERENCES


REFERENCES


Benioff:2002:TCT


VanFlandern:2002:ERS


Dzhunushaliev:2002:PSF


Marto:2002:NLI


Santilli:2002:NPA


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Luo:2002:MSE


Myrvold:2002:MIR


daCosta:2002:TT


Cirkovic:2002:BRB


Anonymous:2002:C


Anonymous:2002:BPLk


Horwitz:2002:P


REFERENCES


Zaslavskii:2003:RSC


Sinha:2003:BHF


Mann:2003:EAG


Fulling:2003:IBF


Winstanley:2003:ECC


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Kirchbach:2003:QSI


Klapdor-Kleingrothaus:2003:FEN


Klapdor-Kleingrothaus:2003:SCD


Gonzalez-Robles:2003:AGB


Gallegos:2003:EFT


Espinoza:2003:MFK

REFERENCES


### REFERENCES

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal Details</th>
<th>URL</th>
</tr>
</thead>
</table>

Anonymous:2003:FPLf


Horwitz:2003:P


Land:2003:HOK


Oron:2003:CMA


Fanchi:2003:RDT


Harpaz:2003:EME

REFERENCES


REFERENCES

Anononymous:2003:FPLh


Greenberger:2003:PDM


Griffiths:2003:PQR


Schack:2003:QTF


Leggett:2003:NHV


Collett:2003:WCR


Peres:2003:WWO

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Cirkovic:2004:BRB


Anonymous:2004:FPLc


Roa-Neri:2004:RRN


Alfred:2004:NFP


Cardone:2004:KSGa


REFERENCES


REFERENCES


REFERENCES


Fabio Cardone, Alessio Marrani, and Roberto Mignani. Killing symmetries of generalized Minkowski spaces, 3: Spacetime translations in...


vonBorzeszkowski:2004:MMU


Lindesay:2004:NUQ


Grandy:2004:BRBb


Anonymous:2004:FPLj


Tarozzi:2004:FSH


Jammer:2004:SSC

Santos:2004:FPL


Auletta:2004:PRQ


deBeauregard:2004:BBPa


Arminjon:2004:GAT


Hatch:2004:CEP


Freire:2004:HRF


Bergia:2004:WWW

[2839] Silvio Bergia. The way we were: Bubble chamber pictures, pion-nucleon interactions and polology. Foundations of Physics, 34(11):1761–1776, November 2004. CODEN FNDPA4. ISSN 0015-9018 (print),


REFERENCES


Anonymous:2005:FPLa


Dickson:2005:TJC


Holland:2005:WWE


Schlosshauer:2005:ZDB


Shimony:2005:AEB


Butterfield:2005:PP


Isham:2005:QC


REFERENCES


REFERENCES


REFERENCES


[2918] Tomislav Ivezić. The proof that Maxwell equations with the 3D $E$ and $B$ are not covariant upon the Lorentz transformations but upon the standard transformations: The new Lorentz invariant field equations. *Foundations of Physics*, 35(9):1585–1615, September 2005. CO-


REFERENCES


DiVincenzo:2005:FLO


Flammia:2005:MIC


Hehl:2005:CEF


Horodecki:2005:ITA


Horodecki:2005:CON


Loubenets:2005:LRB


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Zukowski:2006:SQS


Revzen:2006:WFD


Bramon:2006:BIT


Stairs:2006:LRC


vanderMerwe:2006:PES


Nobbenhuis:2006:CDA


Madarasz:2006:TPL

REFERENCES


[2989] Claudio Garola, Jaroslaw Pykacz, and Sandro Sozzo. Quantum machine and semantic realism approach: a unified model. Foundations of Physics,
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Wharton:2007:TSQ


Bassi:2007:CKA


Tumulka:2007:CFW


Klauber:2007:RRC


Muller:2007:BDC


Recami:2007:DSW


Afshar:2007:PWP


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[3080] Rodolfo Gambini and Jorge Pullin. Relational physics with real rods and clocks and the measurement problem of quantum mechanics. *Founda-
REFERENCES


REFERENCES


REFERENCES


Tyc:2007:NACb


Galvan:2007:TVP


Nikolic:2007:QMM


Nauenberg:2007:CQE


Israelit:2007:CNF


Conway:2007:RCB

REFERENCES

Chubykalo:2007:RCH


Sheehan:2007:SLT


'tHooft:2007:Eb


Miller:2007:ISL


Denur:2007:SDW


Crosignani:2007:RFD

REFERENCES


REFERENCES


John G. Hartnett. Extending the redshift-distance relation in cosmological general relativity to higher redshifts. *Foundations of Physics*, 38
REFERENCES


Zhao:2008:EES


Stuckey:2008:RSQ


Dasgupta:2008:MDQ


Hurley:2008:UFR


Broekaert:2008:SVG


Whitaker:2008:CSI

REFERENCES


REFERENCES

Marochnik:2008:CAV


Rosen:2008:QGP


Suarez:2008:NRL


Higashi:2008:LCC


Vargas:2008:FQM


Pegg:2008:RQM


REFERENCES


REFERENCES


Burgos:2008:TCT


Westman:2008:EOG


Ballentine:2008:CDR


Dieks:2008:IQP


Sestito:2008:DIP


Marsh:2008:CGEb

REFERENCES


[3185] Marek Zukowski. Comment on: Nonlocal “realistic” Leggett models can be considered refuted by the before–before experiment. *Foundations of


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Brukner:2009:IIQ


Bub:2009:CNN


Busch:2009:SBQ


Caspers:2009:IQL


Dieks:2009:OPR


Ghirardi:2009:CNC


REFERENCES


REFERENCES

Maia:2009:QLQ


Coll:2009:FCC


Banerjee:2009:TNG


Nimtz:2009:VPP


Hamada:2009:RQG


Fiorentin:2009:RIC

REFERENCES


REFERENCES


REFERENCES


Barabash:2010:ETP


Doplicher:2010:SSF


Kienle:2010:OEC


Marchetti:2010:SST


Bartalucci:2010:VEL


Jabs:2010:CSS

REFERENCES


[3320] Antonio Di Domenico. CPT symmetry and quantum mechanics tests in the neutral kaon system at KLOE. Foundations of Physics, 40(7):852–866, July 2010. CODEN FNDPA4. ISSN 0015-9018 (print),


REFERENCES

Bressan:2010:SSN


Selyugin:2010:GPE


Khrennikov:2010:DCQ


Bohata:2010:BCS


Jacobson:2010:BHT


Buric:2010:PTC


Alhaidari:2010:DEC

REFERENCES


REFERENCES


REFERENCES

ibitem{Busch:2010:UQR}

ibitem{Brunetti:2010:TQP}

ibitem{Ghirardi:2010:DQN}

ibitem{Jaeger:2010:IQM}

ibitem{Kiefer:2010:CQT}

ibitem{Lahti:2010:CQO}

ibitem{Lyre:2010:WQT}
Holger Lyre. Why quantum theory is possibly wrong. 	extit{Foundations of Physics}, 40(9–10):1429–1438, October 2010. CODEN FNDPA4. ISSN


REFERENCES


REFERENCES


REFERENCES


[3417] Claudio Garola and Sandro Sozzo. Generalized observables, Bell’s inequalities and mixtures in the ESR model for QM. *Foundations of
REFERENCES


REFERENCES

Asano:2011:QLM


Watanabe:2011:NEQ


Appleby:2011:PQS


Nieuwenhuizen:2011:CLF


Ozawa:2011:QRM


Nielsen:2011:IPA


Ghirardi:2011:VVD

REFERENCES

Hajicek:2011:QMP


Hurley:2011:DHS


Bedingham:2011:RSR


Griffiths:2011:QL


Paraoanu:2011:RSQ


Lee:2011:QME


Hofer:2011:UAO

Werner A. Hofer. Unconventional approach to orbital-free density functional theory derived from a model of extended electrons. Foundations
REFERENCES


REFERENCES


REFERENCES


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>Volume/Issue</th>
<th>Pages</th>
<th>Date</th>
<th>Digital Object Identifier</th>
</tr>
</thead>
</table>


REFERENCES


REFERENCES


REFERENCES

Horne:2012:NCF


Klein:2012:ANI


Rauch:2012:QPN


Chiao:2012:QIF


Hiley:2012:CAD


Weatherall:2012:BRE

REFERENCES


REFERENCES

Fivel:2012:DRQ

Kuic:2012:MTE

Brun:2012:PSD

Perez:2012:RSQ

DAbramo:2012:NSS

Itto:2012:GNW

Mannheim:2012:MCC
REFERENCES


Nikolic:2012:HVN

Stapp:2012:QL

Wallman:2012:RCC

Griffiths:2012:QCL

tHooft:2012:PQG

Pusey:2012:SNS

Mansfield:2012:HNL
REFERENCES


REFERENCES


Schumacher:2012:MQT

Schumacher:2012:IIF

Jacobs:2012:CAQ

Feng:2012:DUC

Crowder:2012:ITR

Navascues:2012:PAT

Babin:2012:RDA
[3568] Anatoli Babin and Alexander Figotin. Relativistic dynamics of accelerating particles derived from field equations. Foundations of Physics, 42


Lochan:2012:STN


Lindesay:2012:SCS


Esposito:2012:MST


deHaro:2013:FYS


Rovelli:2013:CLS


Smolin:2013:PLP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Santamato:2013:DDE


Brasil:2013:HMT


Graydon:2013:QQD


Drory:2013:SRC


DiLorenzo:2013:RLI


Afriat:2013:WGA


Kent:2013:MQI

REFERENCES

Vacaru:2013:SLE


Heaney:2013:SIK


Pearle:2013:CCC


Vervoort:2013:BTT


Sozzo:2013:QHO


Niestegge:2013:TSE


Donadi:2013:CMT

[3649] Sandro Donadi, Angelo Bassi, Catalina Curceanu, Antonio Di Domenico, and Beatrix C. Hiesmayr. Are collapse models testable via flavor oscil-


REFERENCES


REFERENCES


REFERENCES


Civitarese:2013:CEQ


Haag:2013:SLI


Dvurecenskij:2013:KPE


Omnes:2013:LPE


Fletcher:2013:LCC


Norton:2013:BCT


Barnum:2013:ESW

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Dzhafarov:2014:NFN


Muralidhar:2014:CVF


Laudisa:2014:LTR


Gryb:2014:SEQ


Shanahan:2014:CLR


Pollock:2014:GES


Khrennikov:2014:PFD

[3706] Andrei Khrennikov, Börje Nilsson, Sven Nordebo, and Igor Volovich. Photon flux and distance from the source: Consequences for quantum


REFERENCES


Penrose:2014:GQMa


Celeri:2014:QCF


Benedictus:2014:STS


Wuthrich:2014:LA


Griffiths:2014:NQL


Mohrhoff:2014:MQW


Aichmann:2014:TTB

Pena:2014:PMU


Jaeger:2014:IPC


Arsenovic:2014:LFS


Bierhorst:2014:RAC


Watson:2014:QPS


Cator:2014:CDB


Chajda:2014:HPT

[3733] Ivan Chajda, Jirí Janda, and Jan Paseka. How to produce S-tense operators on lattice effect algebras. *Foundations of Physics*, 44(7):792–811,


REFERENCES

Scardigli:2014:PPH


Dolce:2014:RQR


Gonzalez:2014:NDP


Odagiri:2014:SMG


Cheng:2014:CPC


Kohler:2014:HOT


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Elias Okon and Daniel Sudarsky. The black hole information paradox and the collapse of the wave function. *Foundations of Physics*, 45(4):461–470,
Esfeld:2015:BTI


Busch:2015:PPM


Laraudogoitia:2015:AJH


Falek:2015:KPB


Niestegge:2015:DCG


Feyereisen:2015:HWV

Kochen:2015:RQM


Jaaskelainen:2015:WFM


Pollock:2015:GGM


Chuprikov:2015:SDE


deHaro:2015:BRC


Dreisigmeyer:2015:NLM


Englman:2015:OSD

[3809] Robert Englman and Asher Yahalom. Open systems’ density matrix properties in a time coarsened formalism. *Foundations of Physics, 45*
REFERENCES


REFERENCES


Majima:2015:IEC


Rastegin:2015:URG


Zaopo:2015:ITC


Doyen:2015:CQM


Toader:2015:ENP


Held:2015:EBI


REFERENCES

Gooding:2015:BTD


Khrennikov:2015:UQC


Nieuwenhuizen:2015:SHG


Bisio:2015:WDM


Plotnitsky:2015:MPP


Plotnitsky:2015:RRO

REFERENCES


REFERENCES

Svensson:2015:NRQ


tHooft:2016:E


Niehaus:2016:PMS


Perelman:2016:NRP


Drieschner:2016:PRF


Fearn:2016:DCQ

REFERENCES


Kholmetskii:2016:PTR


Curceanu:2016:SEX


D’Ariano:2016:QTI


Kujala:2016:PCC


Kowalski:2016:TPA


Hamhalter:2016:BCE

REFERENCES


Giardino:2016:QPR


Lopez:2016:LIQ


Hossenfelder:2016:RMD


Zak:2016:NNA


Singal:2016:CLF


Avanzini:2016:PWQ


Sbitnev:2016:HPVa


REFERENCES


Ilyin:2016:BRT


Okon:2016:LDM


Boyer:2016:CZP


Kuic:2016:PSM


Cheng:2016:BEC


Vassallo:2016:CIS


[3930] Michel Gondran and Alexandre Gondran. Replacing the singlet spinor of the EPR-B experiment in the configuration space with two single-

[Tessarotto:2016:HSS]


[Bigaj:2016:STM]


[tHooft:2016:BHU]


[Zhang:2016:FEC]


[Walleczek:2016:NQI]


[Rovelli:2016:AAR]

REFERENCES


REFERENCES


Mamone-Capria:2016:FTT


Risueno:2016:IPC


Helein:2017:CST


Floyd:2017:NON


degosson:2017:AMD


Ferraro:2017:FFS

Lee:2017:HOI


Schmelzer:2017:ANL


Schmelzer:2017:ACL


Okon:2017:BHI


Kellner:2017:PKM


Smilga:2017:TCF


Healey:2017:QSO


REFERENCES

[Niestegge:2017:QTG]

[Feintzeig:2017:NNK]

[Nieuwenhuizen:2017:CLF]

[Lambare:2017:CFB]

[Davidson:2017:MER]

[Seidewitz:2017:AHT]

[Brun:2017:SCT]
REFERENCES


Floyd:2017:AQE


Svensson:2017:QWV


Egg:2017:PCI


Ben-Israel:2017:CNR


Ardourel:2017:IDB


Bopp:2017:TSQ

REFERENCES


REFERENCES


REFERENCES

July 2017. CODEN FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Vink:2018:PTQ


Doboszewski:2018:HEN


Avalos:2018:NPP


Tessarotto:2018:BGL


Friedberg:2018:WQM


Castagnoli:2018:CPR


Rosaler:2018:GER

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Healey:2018:QTL


Davidson:2018:BTK


Holman:2018:HPN


Gazeau:2018:CQM


Szangolies:2018:EHF


Waegell:2018:ONL


Bartley:2018:IPL


Tilloy:2018:BQM


REFERENCES


Filatov:2019:IPO


Matzkin:2019:WVQ


John:2019:PMI


Gratus:2019:EBH


Chaitanya:2019:QHK


Sebens:2019:EQP


Born:1959:POE

REFERENCES


690


REFERENCES


REFERENCES


REFERENCES

694


REFERENCES


REFERENCES


[4202] Mioara Mugur-Schächter and Alwyn Van der Merwe, editors. *Quantum mechanics, mathematics, cognition and action: proposals for a formal-


REFERENCES


REFERENCES


