

Index

- Alai 312, 314
Albert 75, 187, 346, 349, 369, 413
Alegria 144
Alexander 338, 408
Alexandroff 126
Alexandrov 23
Anscombe 342, 344 f.
Ansell-Pearson 84
Apuleio 333
Aquinas 243, 335 f., 410
Arani 376
Archimedes 394
Arendt 232, 237
Aristotle 3 f., 20, 24, 66, 96, 102, 105, 116,
128, 190, 196, 233, 243, 248, 333 f.,
383, 388, 391, 410
Aspect 392
Asperti 395
Augustine 3, 5, 8, 231, 243, 274, 289, 378,
410
Austin 19
Auxier 279, 282, 291 f.
- Bachelard 104, 108
Bacon 235
Bailly 377, 382–387, 390 f.
Balashov 124, 126, 302, 305, 307, 320, 325
Barbour 35, 42–47, 50, 105, 227, 346, 354
Barot 341
Barrow 407
Bennett 421
Bergmann 219
Bergson 3, 5 f., 24, 28 f., 32, 55–60, 62 f.,
65–81, 83–96, 100–103, 107, 109–
124, 126–131, 135–161, 165–183, 187,
209 f., 228, 236–238, 240 f., 248, 252,
255, 274–278, 282, 284, 286 f., 289 f.,
294, 338, 349–353, 355–358, 366,
368 f., 377–379, 385, 387–391, 393–
400
Berkeley 130, 240
Berlin 350
Bersanelli 411, 422
- Berthelot 85
Berthoz 386
Bertschinger 115
Besso 237
Biezunski 118
Big Bang 210 f., 219, 221–226, 228, 292,
381, 415, 426
Blackburn 331, 334
Blanché 332
Bliss 305
Block 59, 69, 289, 354, 358 f.
Bojowald 217, 223 f.
Boltzmann 92, 376, 386, 392
Bondi 415
Borges 338
Born 136
Bourdieu 237
Bouton 379, 382, 391
Boutroux 96
Bradley 338
Brahma 220, 409
Bricmont 276
Brink 77
Broad 59, 70, 347
Brown 322, 359
Bruno 142
Bueti 360, 364
Buhusi 362
Buiatti 376, 396
Buonomano 362
Burle 359
Buzsáki 367
- Calender 381
Callender 43
Calosi 302 f., 305, 320
Calude 392
Canales 55, 65, 73, 118, 276, 349–352, 397
Canguilhem 108
Cantor 395
Čapek 159, 276, 287
Carnap 4, 13, 22, 107, 332, 338
Carr 148

- Carroll 410
 Carter 425
 Casati 70, 306
 Casini 359
 Castelvocchi 415
 Catren 395
 Causal Efficacy 258, 261, 281
 causal efficacy 149
 Chibbaro 376, 396
 Chirco 382
 Church 358
 Clay 69
 Colonnello 361
 Connes 49, 379
 Copeland 333
 Copernicus 411
 Correia 305
 Costa 145, 302f.
 Costa de Beauregard 145
 Couturat 332
 Craig 227, 351, 365, 367
 Cunningham 57, 244

 Dainton 366, 368
 Damasio 80, 351, 363
 Darwin 68, 70f., 74, 93, 242, 341, 377, 387,
 389, 393
 Davidson 302
 Davies 173
 De Broglie 73, 145
 de Broglie 91
 De Rijke 331, 334
 De Sitter 417
 de Sitter 244, 415, 425
 De Witt 105, 377, 379
 deGrasse 289
 Del Giudice 376
 Deleuze 83f., 86, 341, 399
 Deppe 85
 Descartes 67, 115, 235, 265, 269, 275, 281
 Desmet 244, 288
 Dewey 350
 DeWitt 43, 45, 377
 Di Frisco 94
 Di Salle 18
 Dicke 416
 Dickens 277

 Dingle 112
 Diodorus Chronos 335f.
 Diogenes Laërtius 408
 Disertori 388
 Dodelson 422
 Dolev 21, 354
 Donollan 19
 Dorato 69, 119, 368, 382
 Dowker 49, 355
 Downing 275
 Dretske 312
 Droit-Volet 359
 Duhem 32
 Dumoncel 338, 340, 345
 During 88, 91, 110f., 118, 120, 125, 129,
 136, 156, 159f., 204, 283, 289, 339,
 346, 352, 359f., 385, 395, 397
 Dusek 276

 Eddington 26f., 124f., 151, 204, 244, 415
 Edelman 68, 390
 Edwards 288
 Einstein 5, 9, 13, 17f., 21f., 24, 28f., 32, 41,
 55f., 58, 60f., 63, 65, 75, 91, 101, 103,
 111–114, 117f., 120f., 127, 130f., 136f.,
 142–144, 146f., 149, 152, 154, 160f.,
 183, 187, 189–191, 193, 196–204, 207,
 209f., 214, 228, 234, 236–239, 246,
 274–281, 283–287, 289–291, 339,
 349–358, 369, 376f., 379, 381, 388f.,
 391, 393–400, 413–415, 417, 425, 427
 El Greco 159
 Emmet 241
 Epperson 288
 Euler 44
 Everett 46
 Evrard 363

 Fano 65, 305, 309
 Faraday 91, 173f.
 Feeney 427
 Feynman 379
 Findlay 345
 Fisher 93f.
 Foley 428
 Foster 384
 Frankfurt 77

- Friebe 116
 Friedmann 218, 413, 427
 Frisch 391
- Galilei 19, 187–192, 196, 199, 233, 249,
 275, 278, 285, 376, 380, 383, 394
 Gardies 332, 344
 Garfinkel 363
 Gayon 93, 392
 Geach 311–313, 316, 334, 344 f.
 General Relativity 5, 41–45, 113, 119, 136,
 187, 189, 195–200, 203 f., 207, 210–
 212, 280, 407, 413 f., 416–418, 427
 Gibson 302, 304 f., 311, 320, 324
 Gilmore 302 f., 305–307, 309, 320 f., 325
 Gödel 40, 316
 Gold 415
 Goldblatt 333, 335
 Goldstein 73
 Gouhier 135
 Gould 389–391
 Gozzano 70
 Grandpierre 293
 Granger 102
 Grant 408
 Griffin 244
 Grosseteste 410 f.
 Grothendieck 395
 Growing Block 58, 70
 Guerlac 58
 Gueroult 339 f.
 Guillaume 112
 Guitton 135
 Gunter 145, 282
 Günther 383
- Habermas 235
 Hales 311
 Hallward 108
 Hansen 426
 Harrington 360
 Harrison 412
 Hartmann 341
 Hausman 282
 Hawking 289
 Hawley 311
 Hayflick 382
- Heidegger 3, 5, 84, 89, 103, 233, 278, 289,
 356, 366
 Heisenberg 73, 151, 339 f.
 Heraclitus 289 f., 338
 Herstein 279, 291 f.
 Hilbert 215 f., 389, 399
 Hinchliff 309, 311
 Hinchliffe 310
 Hinton 360
 Hirai 63
 Hogarth 23
 Holmes 414
 Homer 338
 Horwich 75
 Hoyle 415
 Hu 422
 Hubble 412 f.
 Huggett 211, 213–215, 221, 225, 227, 327
 Hui 86
 Hume 76, 240, 265, 269 f.
 Huneman 379, 382, 385, 391
 Husserl 3, 5, 69, 151, 237, 278, 289, 351 f.,
 356 f., 366, 378
 Hwang 86
- Isaiah 351, 409
 Issa 362
 Ivry 360
- James 29–31, 69, 190, 238 f., 241, 243 f.,
 246, 283, 292, 294
 Jankélévitch 135
 Jesus 144
 Jimenez 427
 Johnson 275, 311
 Jokic 359 f.
 Jonas 240
 Jones 360
- Kalinowski 332, 344
 Kaluza 384
 Kane 78
 Kant 3, 5 f., 19, 48, 51, 69, 83, 100, 102 f.,
 107, 116 f., 126, 151, 153, 167 f., 176, 234,
 239, 243, 278, 289, 352, 354, 399
 Keele 360
 Kelly 287

- Kepler 411f.
 Kerber 426
 Kiverstein 366
 Klausius 74
 Klein 6, 9, 346, 384
 Kolmogoroff 391
 Koppl 389
 Korf 366
 Koslowski 50
 Kosman 381
 Kragh 408, 415
 Krauss 289
 Kreitzman 384
 Kripke 315, 333f., 337
 Kuhn 32
 Kurtz 309, 311, 313
- Lamarre 422
 Lambert 415
 Lange 303
 Langevin 112, 115f., 120, 122–124, 126,
 128–131, 136, 395
 Langford 333
 Laplace 71f., 344, 391
 Latour 276, 286
 Lautman 340f., 344–346
 Lawlor 70
 Le Bihan 214
 Le Guyader 390
 Leavitt 412
 Lebesgue 392
 Lecointre 390
 Leibniz 3f., 44, 67, 71, 190, 246, 332–334,
 338–341
 Lemaître 218, 413–416, 419, 427
 Leonard 70
 Lesne 385
 Levi-Civita 203
 Lévy-Leblond 144
 Lewis 306, 309f., 315, 333
 Locke 240, 266, 269
 Lockwood 302
 Lombard 311
 Longo 96, 376, 381–387, 389–396, 398f.
 Loop Quantum Gravity 42, 211
 Lorentz 17f., 109, 113, 119, 129, 138, 141
 Lowe 282, 310, 312
- Loya 384
 LQG 211, 213–217, 220f., 225f., 228, 288–
 290, 294, 393
 Luminet 413, 415
 Luzzi 428
- Macaluso 364
 Mach 43f., 130, 190
 Malament 304
 Marquis 341
 Marshack 407
 Martin-Löf 392
 Mather 420
 Maxwell 91, 173, 190–192, 198, 204, 242,
 344, 376
 McDaniel 303
 McHenry 281
 McTaggart 35–41, 46f., 49f., 257, 311, 313,
 338, 345, 381
 Meck 358–360
 Meillassoux 5
 Meissner 364
 Mella 359, 365
 Mellor 310f., 313f., 316
 Memmott 384
 Mercati 50
 Merleau-Ponty 148, 153, 237, 254, 257, 259,
 267, 269, 357, 362, 366
 Metzinger 366f.
 Mill 76
 Mills 381
 Milton 338
 Minkowski 119, 129, 138, 196, 232, 244,
 303, 379
 Minot 144
 Miquel 84, 87, 92, 395
 Molina 332, 334
 Mondor 73
 Monfort 365
 Montemayor 350, 352f., 356f.
 Montévil 93, 96, 377, 381–387, 390–393,
 396
 Moore 50
 Morgado 383
 Mossio 377, 385f.
 Moulard 70
 Moving Spotlight 56

- Mozersky 72
 Mugur-Schachter 391
 Musso 235
- Nagel 72, 366
 Nani 361, 363
 Neurath 31
 Newton 5, 8 f., 44, 76, 109, 115, 130, 142 f.,
 189 f., 196–200, 204 f., 212, 234 f., 275,
 289 f., 346, 352, 376, 381, 388, 397, 411
 Ney 60 f., 63
 Nietzsche 172
 Noble 383, 386 f.
 Noether 381
 Nordmann 136, 144
 Northoff 367
 Northrop 280
 Norton 23, 70, 322
 Nottale 174
- Oderberg 312
 Ogden 359
 Olson 408
 O'Malley 426
 Opalka 11 f.
 O'Raifeartaigh 415
 Oriti 221
 Otten 364
- Paaby 390
 Page 416
 Painlevé 120, 130
 Parmenides 24, 40, 51, 289, 338
 Parsons 306
 Partridge 416
 Paton 362
 Paty 118
 Pavesi 390
 Peden 108
 Pedrosa 362
 Peebles 416
 Penzias 416
 Perlmutter 419
 Peters 391
 Piaget 115, 117
 Pierce 26, 31
 Pietsch 391
- Pinilla 365
 Plato 84, 116, 147, 233, 235, 242 f., 248,
 274, 289, 340 f.
 Plotinus 233
 Poe 412
 Pogson 65, 67, 80 f.
 Poincaré 75, 101, 109, 112, 130 f., 137, 392,
 398 f.
 Pooley 302, 304 f., 308, 311, 320, 324
 Pöppel 241, 367
 Pound 206
 Presentational Immediacy 90, 247, 258, 281
 presentational immediacy 149 f., 152
 presentism 40 f., 61, 310
 Price 10
 Prigogine 94, 381
 Prior 103, 331, 333–338, 344–346
 Protagoras 32, 241
 Putnam 17–23, 27 f., 30, 32
 Pytagora 399
 Pythagoras 44
- Quantum Gravity 40–42, 44 f., 49 f., 209–
 214, 219–221, 226, 273, 275, 288, 293,
 303, 327, 393
 Quantum Mechanics 17, 28, 41–46, 73, 91,
 145, 151 f., 160 f., 187, 288, 294, 339,
 376, 382
 Quine 24, 346
- Raff 387
 Rebka 206
 Redondi 399
 Regge 202
 Reichenbach 124, 353 f., 357
 Reid 50
 Reindl 416
 Ricci Curbastro 203
 Riemann 203, 381
 Riess 419, 426
 Rietdijk 17
 Robertson 218
 Rockmann 390
 Roehricht 367
 Ronchi 385, 393, 395
 Rossi 194
 Roubach 354

- Rovelli 10, 42, 49, 105, 114, 158–160, 215–217, 227, 275, 288–293, 327, 354, 377, 379 f., 382, 384, 393
 Ruelle 72
 Russell 4, 24, 39, 67, 85, 100–104, 109, 167, 243 f., 276, 341, 350
 Ryckman 354, 356 f.

 Sachs 11
 Saigusa 386
 Salomon 363
 Sandage 416
 Santayana 149, 237
 Sarti 377, 386, 389, 393, 399
 Sattig 302 f., 305
 Savitt 11, 23, 39
 Schiaparelli 409
 Schiller 222
 Schmidt 419
 Schnieder 305
 Schrödinger 43, 377, 381, 389, 391, 396, 398
 Schwarback 381
 Sellars 28, 210
 Serres 332
 Sethna 388
 Sherman 276
 Sherrington 241
 Shlesinger 384
 Shoemaker 11, 39
 Sider 24, 301, 305, 311, 313, 317, 319
 Simon 384
 Simons 306, 311–313
 Sinclair 227
 Sklar 75, 212
 Skow 79, 302 f., 305, 311, 313, 355
 Smolin 6, 105, 215, 290 f., 293, 355
 Smoot 420
 Sokal 276
 Sophocles 399
 Soto 377, 393
 Special Relativity 9, 15 f., 18, 40, 45, 113, 120, 135 f., 194–196, 198–200, 206 f., 209 f., 212, 304
 Spencer 242
 Spinoza 338
 Stein 21–23, 27
 Stengers 94
 Strack 363
 Suárez 365
 Sullivan 355
 Sunyaev-Zel 428
 Sysoeva 361

 Tammann 416
 Tassani 65
 Tauber 422
 Taylor 115
 Teghil 361, 363–365
 Teresi 409
 Terhune 361
 Theophilus of Antioch 408
 Thom 389
 Thomson 173
 Tillich 237
 Tomasi 362
 Torrenço 70
 Treisman 358
 Trendelenburg 332
 Trogdon 305

 Unger 290, 293
 Uzan 389

 Valéry 7 f.
 Van De Mierop 408
 Van Frassen 381
 Van Inwagen 78, 308
 Vanden Berg 426
 Varela 363
 Varzi 306
 Venema 331, 334
 Veneziano 221
 Verbrugghe 408
 Verdier 395
 Vico 235
 Vidotto 42, 217, 288, 382
 von Laue 120, 136
 von Neumann 346, 380
 Vulpiani 389

 Wackermann 361
 Wahl 135
 Walker 218

- Walsh 360
 Wassenhove 367
 Wasserman 311
 Watson 237
 Wearden 358
 Weber 244 f., 247
 Weinberg 289
 Wesson 384
 West-Eberhard 385, 389 f.
 Weyl 120, 136, 356 f., 378, 381, 386, 400
 Wheeler 43–45, 105 f., 115, 377, 379
 White 276
 Whitehead 23, 68, 90, 101, 122–125, 127,
 149 f., 152, 160, 172, 232 f., 238–248,
 251–272, 275, 278–295, 338, 341
 Wickersham 408
 Wiener 361, 363
 Williams 384
 Wilson 416
 Wittgenstein 29–31, 81, 102
 Wittmann 69, 346, 353, 360 f., 364, 368
 Wöllner 360
 Worms 84, 92
 Wray 387
 Wright 94
 Wundt 236
 Wüthrich 211, 213 f., 216, 218–221, 223,
 225, 227, 304, 327
 Yanakieva 361
 Yang 381
 Yates 213
 Yourgrau 40
 Zafiris 288
 Zahavi 366
 Zakay 358–360
 Zalamea 395
 Zeh 11
 Zeno 24 f., 40, 46 f., 50, 91, 127–129, 246,
 394–396
 Zhang 428
 Zimmerman 304, 355

