

Author Index

- Agranovich, M.S. 4, 6, 26, 36, 37, 67, 69, 113, 114, 155, 156, 232, 251, 252
Airy, G.B. 72, 73
Arnol'd, V.I. 54, 82, 85, 92, 114, 115, 248–251
Atiyah, M.F. 25, 109, 114, 115, 127, 242–247, 250, 252
- Babich, V.M. 96, 114, 115
Balaban, T. 67, 115
Banach, S. 164, 165
Bateman, H. 146, 188, 199, 209, 210, 251, 252
Beals, R. 65, 114, 115
Beltrami, E. 106, 112
Bérard, P.H. 113–115
Berezin, F.A. 96, 115
Bernshtejn, I.N. 143, 167, 172, 173, 250, 252
Bers, L. 36, 37, 115
Bessel, F.W. 125, 186, 188, 193, 198, 207
Birman, M.Sh. 114, 115
Björk, J.E. 250, 252
Bochner, S. 159, 166, 239
Bogolyubov, N.N. 126, 127, 144, 145, 206, 251, 252
Borovikov, V.A. 248, 250, 252
Bott, R. 109, 114, 115, 127, 242–247, 250, 252
Brillouin, L. 78
Buldyrev, V.S. 96, 114, 115
Bunyakovskij, V.Ya. 154
- Calderon, A.P. 36, 39, 40, 43, 113, 115
Carleman, T. 110, 115
Cauchy, A.L. 30, 31, 39, 49, 62, 86, 87, 140, 154, 165, 166, 170, 184, 218, 224, 225, 227–231, 235, 238
Chazarain, J. 111
Colin de Verdiere. 111
Cordes, H.O. 115
- Courant, R. 96, 97, 100, 115, 182, 183, 251, 252
- D'Alembert, J. 125, 144, 237
Davydova, A.M. 248–250, 252
Dirac, P.A.M. 129, 133, 252
Dirichlet, L.P.G. 43, 99, 224, 225, 229
Ditkin, V.A. 176, 177, 250, 252
Doetsch, G. 126, 176, 177, 250
Duistermaat, J. 63, 112, 114, 116
Dynin, A.S. 25
- Egorov, Yu.V. 4, 6, 8, 9, 13, 14, 16–19, 26, 37, 40, 41, 44, 48, 55, 56, 61, 62, 65, 67, 68, 85, 90, 96, 99, 101, 110, 114, 116, 251, 252
Ehrenpreis, L. 125, 143, 164, 165, 169, 252
Ehjdél'man, S.D. (= Eidel'man, S.D.) 237, 238, 251, 252
Erdélyi, A. 146, 188, 199, 209, 210, 251, 252
Eskin, G.I. (= Ehskin, G.I.) 6, 78, 114, 116, 184, 217, 232, 238, 251, 255
Euler, L. 61, 125, 182
- Fedorova, S.I. 101, 117
Fedoryuk, M.V. 54, 79, 85–87, 90, 95, 96, 113, 114, 116, 118
Fedosov, B.V. 24, 25, 114, 116
Fefferman, C. 65, 114, 115
Fourier, J.B.J. 36, 48, 56, 59, 88, 125, 149, 151, 153, 175, 176, 213, 239
Fredholm, I. 23, 24, 32, 35
Friedlander, F.G. 71, 116
Friedrichs, K. 6, 114, 116
Fubini, G.G. 150, 153
- Gabrichlov, A.M. 245, 250, 252
Gårding, L. 125, 127, 182, 183, 215, 229, 231, 236, 240, 242–250, 252, 253
Gel'fand, I.M. 25, 125–127, 129, 134–136, 140, 143, 148, 150, 152, 158, 159, 167, 172, 189, 191, 192, 229, 234, 237, 250–253
Gevrey, M. 48
Giraud, G. 36
Givental, A.B. 114
Glazman, I.M. 96, 98, 116
Gokhberg, I.Ts. 29, 117
Gordon, W. 127, 144, 186, 194, 206, 216, 224
Gorin, E.A. 168, 169, 251, 253
Green, G. 125
Grubb, G. 107, 114, 117
Grushin, V.V. 146, 149, 171, 212, 251, 253
Guillemin, V. 44, 79, 96, 112, 114, 116, 117
Gunning, R. 159, 251, 253
Gureev, T.V. 101, 117
Gusejn-Zade, S.M. 82, 114, 115, 248–250, 252
- Hadamard, J. 13, 125, 127, 199, 206, 230, 250, 253
Hahn, K. 164, 165
Hamilton, W.R. 48, 55, 84, 90, 91, 92, 95
Hankel, H. 146, 209
Hartogs, F. 247
Heaviside, O. 125, 126, 129, 144
Helmholtz, H. 146, 167, 168, 170, 171, 184, 207, 209, 210, 218, 227
Herglotz, G. 125, 246
Hersh, R. 66, 67, 117
Hilbert, D. 13, 18, 36, 96, 100, 115
Hill, G.W. 113

- Holder, O.L. 19, 36
 Holmgren, E. 39
 Hörmander, L. 6, 8, 9, 13, 14,
 17, 19, 32, 35, 37, 39–42, 44–
 48, 58, 61, 63–65, 74, 79, 85,
 96, 112–114, 116, 117, 125,
 130, 143, 145, 146, 150,
 154–156, 159–161, 166–170,
 181–184, 212, 214, 215, 217,
 222, 223, 230, 250, 251, 253
 Huygens, Ch. 44
- Ikawa, M. 117
 Ikehara, S. 109
 Ivrii, V.Ya. (= Ivrij, V.Ya) 96,
 100, 101, 113, 114, 117
- Jacobi, K.G.J. 90–92, 95
 John, F. 36, 37, 115
 Jordan, C. 39, 40
- Kajitani, K. 117
 Kirchhoff, G.R. 125, 144, 237
 Klein, F. 127, 144, 171, 186,
 194, 206, 216, 224
 Kohn, J.J. 6, 113, 117
 Komech, A.I. 161, 253
 Korn, A. 36
 Kostyuchenko, A.G. 26
 Kotaké, T. 182, 183, 250, 253
 Kramers, H. 78
 Kreiss, H.O. 67, 117
 Krejn, M.G. 29, 117
 Krejn, S.G. (= Krein, S.G.)
 127, 253
 Kronecker, L. 133, 234
 Kumano-go, H. 6, 9, 14, 17,
 19, 32, 35, 114, 117
- Laplace, P.S. 40, 125, 145,
 175, 176, 184, 200, 218, 225,
 227, 230, 231
 Lax, P. 70, 86, 87, 116, 118
 Lebesgue, H.L. 99, 103
 Leibniz, G.W. 14
 Leray, J. 96, 113, 114, 118,
 125, 127, 182, 183, 199, 206,
 246, 250, 253
 Levendorskij, S.Z. 105, 118
 Levi, E.E. 110
 Levitan, B.M. 110, 112, 118,
 126
 Lewy, H. 64
 Lichtenstein, L. 36
- Liouville, J. 93
 Lojasiewicz, S. 143, 167, 169,
 170, 250, 254
 Lopatinskij, Ya.B. 69, 222,
 232, 233, 254
 Lorentz, H.A. 134, 186, 193,
 204
- Malgrange, B. 125, 143, 164,
 254
 Maslov, V.P. 85–87, 90, 94–
 96, 113, 114, 118
 Melrose, R. 73, 114, 118
 Merzon, A. 161, 165, 174, 251,
 254
 Mikhailin, S.G. 36, 113, 118,
 251, 254
 Mishchenko, A.S. 96, 113,
 114, 118
 Mizohata, S. 36, 38, 118
 Morse, H.M. 80, 81, 247, 248
 Muskhelishvili, N.I. 25
- Nazajinskij, V.E. 96, 113,
 114, 118
 Nirenberg, L. 6, 40, 70, 71,
 113, 114, 117, 118
 Noether, F. 25
 Nuij, W. 242, 254
- Olejnijk, O.A. 114, 118
 Oshima, T. 73, 118
 Oshmyan, V.G. 96, 113, 114,
 118
- Palais, R.S. 6, 24, 25, 114, 118
 Palamodov, V.P. 250, 251,
 254
 Paley, R.E.A.C. 126, 150, 160,
 161, 254
 Paneyakh, B.P. 141, 155, 156,
 251, 255
 Parseval, M. 36, 151, 152
 Patodi, V.M. 109, 114, 115
 Petkov, V.M. 101, 119
 Petrovskij, I.G. 114, 119, 125,
 127, 180, 203, 212–215, 217,
 219, 228, 231, 233, 234, 237,
 240, 242–247, 250, 252, 254
 Plamenevskij, B.A. 114, 119
 Planck, M. 34
 Plemelj, J. 155
 Poisson, S.D. 33, 40, 55, 111,
 112, 125, 144, 149, 234, 235,
 237
- Popov, G.S. 113, 118
 Povzner, A.Ya. 70, 118
 Prudnikov, A.P. 176, 177,
 250, 252
- Radkevich, E.V. 114, 118
 Rauch, J. 67, 119
 Reed, M. 6, 114, 118, 140,
 145, 161, 251, 254
 Rempel, S. 6, 107, 114, 119
 Riemann, W. 184, 218, 227
 Riesz, F. 23
 Riesz, M. 125, 127, 168, 172,
 198, 202, 250, 254
 Roitburd, V. 105
 Rossi, H. 159, 251, 253
 Rozenblyum, G.B. 110, 114
 Rudin, W. 254
- Safarov, Yu.G. 101, 117
 Sakamoto, R. 69, 119
 Samarskij, A.A. 146, 171, 251,
 255
 Sato, M. 44, 73, 113, 119
 Schechter, M. 36, 37, 115
 Schenk, D. 113, 119
 Schmidt, E. 18
 Schrödinger, E. 103, 113, 145,
 147, 212, 220, 225, 227, 238
 Schulze, B.-W. 6, 107, 114,
 119
 Schwartz, L. 8, 35, 51, 59, 125,
 127, 134, 137, 138, 141, 160,
 250, 254
 Seely, R.T. 26, 27, 100, 106,
 107, 114, 119
 Seidenberg, A. 168, 169, 223,
 251
 Shapiro, Z.Ya. 222, 232
 Shatalov, V.E. 96, 113, 114,
 118
 Shilov, G.E. 125–127, 129,
 134–136, 140, 143, 146, 148,
 150, 152, 158, 159, 172, 185,
 186, 189, 191, 192, 218–220,
 229, 234, 237, 250, 251, 253,
 254
 Shirkov, D.V. 126, 127, 144,
 206, 251, 252
 Shubin, M.A. 4, 6, 8, 9, 13, 14,
 16–19, 26, 32, 35, 37, 46, 48,
 66–68, 85, 90, 96, 99, 101,
 105, 109, 110, 113–116, 119,
 181–184, 251, 255

- Simon, B. 6, 114, 119, 140, 145, 161, 251, 254
- Singer, I.M. 25
- Sobolev, S.L. 16, 17, 23, 38, 41, 48, 155, 251, 255
- Sokhotskij, Yu.V. 155
- Solomyak, M.Z. 110, 114, 115
- Sommerfeld, A. 146, 171, 251
- Stein, E.M. 113, 119, 238
- Sternberg, S. 44, 79, 96, 114, 117
- Sternin, B.Yu. 96, 113, 114, 118
- Stieltjes, T.J. 109
- Stojanov, L. 101, 119
- Sukharevskij, I.V. 70, 119
- Tarski, A. 168, 169, 223, 251
- Taylor, B. 12, 14, 81, 169, 187, 191
- Taylor, M.E. 6, 9, 14, 17, 19, 37, 39, 44, 48, 74, 96, 114, 119
- Tikhonov, A.N. 146, 171, 251, 255
- Titchmarsh, E. 152, 154, 250, 255
- Trèves, F. 6, 9, 14, 17, 19, 39, 40, 41, 44, 48, 96, 111, 114, 119, 168, 185, 251, 255
- Tulovskij, V.N. 105
- Vajnberg, B.R. 79, 90, 95, 113, 119, 146, 171, 251, 255
- Vandermonde, A.T. 87
- Varchenko, A.N. 82, 114, 115, 248–250, 252, 255
- Vasil'ev, D.G. 101, 113, 119
- Vasil'ev, V.A. 127, 240, 247, 249, 250, 255
- Vishik, M.I. 26, 114, 155, 156, 184, 217, 232, 238, 251, 252, 255
- Vladimirov, V.S. 139, 140, 144–146, 150, 159–161, 165, 166, 174, 203, 209, 250, 251, 255
- Volevich, L.R. 141, 155, 156, 251, 255
- Volovoj, A.V. 113, 119
- Watson, G.N. 146, 188, 199, 209, 251, 255
- Wentzel, G. 78
- Weyl, H. 33, 34, 100, 102, 103, 105, 184, 255
- Whittaker, E.T. 146, 188, 199, 209, 251, 255
- Wiener, N. 126, 150, 160, 161, 254
- Yosida, K. 135, 164, 255
- Young, T. 18
- Zygmund, A. 36, 113, 115

Subject Index

- amplitude, classical 11
 - of Fourier integral operator 49
 - of pseudodifferential operator 9
- analytic continuation of generalized function 141
 - functional 159
- bicharacteristic(s) 63, 182
 - , glancing 73
 - , null 74
 - strips 182
- big singularity 112
- boundary value of analytic function 141
- boundary-value problem, regular 221, 226
 - , third 225
 - , well-posed 231
- Cauchy problem 225
 - , regular 226
- caustics 90
- characteristic cone 179, 183, 242
 - conoid 183
 - conormal 178
 - equation 178
 - hypersurface 179
 - plane 179
 - polynomial 241
- condition, Hersh-Kreiss 66
 - , Sakamoto 68
 - , Shapiro-Lopatinskij 232
 - , uniform Lopatinskij 69
 - with parameter, ellipticity 26
- cone 138
 - , dual 160
 - , future light 203
 - , light 203
 - , past light 203
- conical subset 45
- conjecture, Sato 73
- convolution of functions 137
 - generalized functions 137
- differential form, closed 54
 - , non-degenerate 54
- direction, hyperbolic 71
- Dirichlet problem 224
 - for operator 229
- distribution 128
 - , exponentially growing 161
 - , Fourier 59
 - , temperately growing 141
 - with compact support 135
- division problem 164
 - in classes of tempered distributions 167
- eikonal 83
- embedding 129
- equation, Airy 72
 - , Cauchy-Riemann 218
 - , convolution 177
 - , diffusion 145
 - , eikonal 83
 - , heat conduction 145
 - , Helmholtz 146
 - , Klein-Gordon 144
 - , – hyperbolic 224
 - , Laplace 145
 - of heat transfer with absorption (generation) 219
 - , Petrovskij well-defined 215
 - , – β -parabolic 219
 - , α -regular 215
 - , Schrödinger 145
 - , second-order differential 196
 - , Shilov h -parabolic 218
 - , transport 53, 85
 - , wave 144
 - with friction, wave 216
 - with retarded argument 177
- example, Friedlander 71
 - , Hadamard 230
 - , Lewy 64
 - , Taylor 74
- formula, Atiyah-Bott 108
 - , d'Alembert 144, 237
 - , differentiation 149
 - , Dynin-Fedosov 25
 - , Kirchhoff 144, 237
 - , Noether-Muskhelishvili 25
 - of piecewise smooth functions, differentiation 129

- , Poisson 144, 237
- , Sokhotskij-Plemelj 155
- , translation 150
- function, Dirac's delta 129
- , formal 169
- , Heaviside 129
- , Morse 248
- of eigenvalues, distribution 97
- fundamental solution, advanced 144
- , formal 200
- , invariant 197
- – – equation 142
- – of boundary-value problem 234
- – – differential operator 142
- , retarded 144
- Fourier integral 149

- generalized function 128
- , derivative 129
- , order 135
- , product 137
- , temperately growing 161
- generating function of canonical transformation 55
- – – Lagrangian manifold 93
- , projective 247
- glancing surface 73

- Hamiltonian system 181
- Hörmander staircase 166

- index, Maslov 94
- , operator 24
- lacuna 244
- , local 244
- , strong 244
- lemma, Glazman 98
- , Morse 80
- , Weyl 184
- locally equivalent phase functions 58
- Lojasiewicz inequality 169
- Lopatinskij determinant 69
- matrix 69

- manifold, Lagrangian 57, 91
- , quantized Lagrangian 94
- , symplectic 54
- map, proper 14
- method, Maslov canonical operator 90
- , Riesz complex powers 172
- , stationary phase 79
- , subtraction 169
- microlocal analysis 4, 113, 114

- Neumann problem 225

- oblique derivative problem 225
- operator, canonical 94
- , Cauchy-Riemann 184
- , differential 6
- with constant coefficients, differential 241
- , elliptic 183
- , – Fourier integral 56
- , – pseudodifferential 15
- , formal adjoint 9
- , Fourier integral 48
- , Gårding hyperbolic 215
- , global Fourier integral 60
- , Helmholtz 167
- , Hill 113
- , hyperbolic 243
- , hypoelliptic 184
- , Klein-Gordon 171
- , Laplace 184
- , Maslov canonical 94
- , Petrovskij hyperbolic 242
- , – strictly – 180, 215
- , – well-defined 215
- , precanonical 93
- , principal type differential 60
- , pseudodifferential 7
- , principal type – 61
- on manifold, – 19
- , properly supported – 14
- , semi-globally solvable – 63
- solvable at a point, – 63
- , uniformly elliptic – 32
- , α -regular 215
- , singular integral 36
- , multidimensional – – 13
- , one-dimensional – – 12
- on smooth curve, – – 22
- , spectral function 108
- , Stein extension 238
- , strictly elliptic 167
- , subelliptic 65
- , transpose 8
- , ζ -function of 106
- , wave 171

- parametrix 16
- Parseval identity 151
- theorem 152
- Petrovskij class 244
- criterion 244
- , local 244
- cycle 247

- point, absolutely periodic 112
- , diffractive 74
- , elliptic boundary 74
- , hyperbolic – 74
- , focal 82
- , glancing 74
- , gliding 74
- , non-degenerate 74
- , – critical 79
- of contact 74
- – –, higher order 74
- – periodic flow 111
- – stationary phase 79
- Poisson bracket 55
- kernel 235
- relation 111
- phase function 49
- –, Lagrangian manifold 58
- –, local 58
- –, non-degenerate 57
- potential, advanced 144
- , retarded 144
- principal homogeneous part of operator 178
- value of integral 13
- principle, Courant's minimax 97
- pseudolocality 8
- pseudodifferential operator, complex powers 31
- –, kernel 7
- quantization 34
- , Weyl 34
- ray 82
- regularization problem 168
- , formal function 169
- relation, homogeneous canonical 60
- root, Petrovskij well-defined 214
- , stable 214
- , unstable 214
- , α -well-posed 214
- set, asymptotically time-like 138
- , – space-like 138
- semi-bicharacteristic, reflected property 71
- solution, asymptotic 83
- , rapidly oscillating – 83
- space, Schwartz 141
- , test functions 128
- structure, symplectic 54
- support of function 134
- – generalized – 134
- – – –, singular 136
- swallow-tail 248
- symbol, classical 11
- , differential operator 6
- , elliptic 15
- , operator 102
- , convolution – 108
- , polyhomogeneous 11
- , principal 11
- , symmetric 34
- , Weyl 33
- theorem, Calderon 39
- , Calderon-Zygmund 36
- , composition 15
- , Ikehara 109
- , mean value 148
- , Payley-Wiener 150
- , regularity 17
- transformation, canonical 54
- , Fourier 149
- , contact – 213
- , Fourier-Laplace 175
- , Hilbert 13
- , Laplace 176
- , Lorentz 134
- wave diffusion 147, 203
- front 82, 180
- – set 44, 48
- – of generalized function 180
- – – operator 243
- weak convergence 128
- Weyl symbol 33
- h-symbol 34

Encyclopaedia of Mathematical Sciences

Editor-in-Chief: R. V. Gamkrelidze

Dynamical Systems

Volume 1: D. V. Anosov, V. I. Arnol'd (Eds.)

Dynamical Systems I

Ordinary Differential Equations and Smooth Dynamical Systems

2nd printing. 1994. IX, 233 pp. 25 figs.
ISBN 3-540-17000-6

Volume 2: Ya. G. Sinai (Ed.)

Dynamical Systems II

Ergodic Theory with Applications to Dynamical Systems and Statistical Mechanics

1989. IX, 281 pp. 25 figs. ISBN 3-540-17001-4

Volume 3: V. I. Arnol'd (Ed.)

Dynamical Systems III

Mathematical Aspects of Classical and Celestial Mechanics

1993. 2nd ed. XIV, 291 pp. 81 figs. ISBN 3-540-57241-4

Volume 4: V. I. Arnol'd, S. P. Novikov (Eds.)

Dynamical Systems IV

Symplectic Geometry and its Applications

1989. VII, 283 pp. 62 figs. ISBN 3-540-17003-0

Volume 5: V. I. Arnol'd (Ed.)

Dynamical Systems V

Bifurcation Theory and Catastrophe Theory

1994. IX, 275 pp. 130 figs. ISBN 3-540-18173-3

Volume 6: V. I. Arnol'd (Ed.)

Dynamical Systems VI

Singularity Theory I

1993. 245 pp. 55 figs. ISBN 3-540-50583-0

Volume 16: V. I. Arnol'd, S. P. Novikov (Eds.)

Dynamical Systems VII

Nonholonomic Dynamical Systems. Integrable Hamiltonian Systems

1994. VII, 341 pp. 9 figs. ISBN 3-540-18176-8

Volume 39: V. I. Arnol'd (Ed.)

Dynamical Systems VIII

Singularity Theory II. Applications

1993. V, 235 pp. 134 figs. ISBN 3-540-53376-1

Partial Differential Equations

Volume 30: Yu. V. Egorov, M. A. Shubin (Eds.)

Partial Differential Equations I

Foundations of the Classical Theory

1991. V, 259 pp. 4 figs. ISBN 3-540-52002-3

Volume 32: Yu. V. Egorov, M. A. Shubin (Eds.)

Partial Differential Equations III

The Cauchy Problem. Qualitative Theory of Partial Differential Equations

1991. VII, 197 pp. ISBN 3-540-52003-1

Volume 33: Yu. V. Egorov, M. A. Shubin (Eds.)

Partial Differential Equations IV

Microlocal Analysis and Hyperbolic Equations

1993. VII, 241 pp. 6 figs. ISBN 3-540-53363-X

Volume 63: Yu. V. Egorov, M. A. Shubin (Eds.)

Partial Differential Equations VI

Elliptic and Parabolic Operators

1994. VII, 325 pp. 5 figs. ISBN 3-540-54678-2

Volume 64: M. A. Shubin (Ed.)

Partial Differential Equations VII

Spectral Theory of Differential Operators

1994. V, 272 pp. 2 figs. ISBN 3-540-54677-4



Springer

B4.10.003

Encyclopaedia of Mathematical Sciences

Editor-in-Chief: R. V. Gamkrelidze

Analysis

Volume 13: R. V. Gamkrelidze (Ed.)

Analysis I

Integral Representations and Asymptotic Methods

1989. VII, 238 pp. 3 figs. ISBN 3-540-17008-1

Volume 14: R. V. Gamkrelidze (Ed.)

Analysis II

Convex Analysis and Approximation Theory

1990. VII, 255 pp. 21 figs. ISBN 3-540-18179-2

Volume 26: S. M. Nikol'skij (Ed.)

Analysis III

Spaces of Differentiable Functions

1991. VII, 221 pp. 22 figs. ISBN 3-540-51866-5

Volume 27: V. G. Maz'ya, S. M. Nikol'skij (Eds.)

Analysis IV

Linear and Boundary Integral Equations

1991. VII, 233 pp. 4 figs. ISBN 3-540-51997-1

Volume 19: N. K. Nikol'skij (Ed.)

Functional Analysis I

Linear Functional Analysis

1992. V, 283 pp. ISBN 3-540-50584-9

Volume 20: A. L. Onishchik (Ed.)

Lie Groups and Lie Algebras I

Foundations of Lie Theory. Lie Transformation Groups

1993. VII, 235 pp. 4 tabs. ISBN 3-540-18697-2

Volume 41: A. L. Onishchik, E. B. Vinberg (Eds.)

Lie Groups and Lie Algebras III

Structure of Lie Groups and Lie Algebras

1994. V, 248 pp. ISBN 3-540-54683-9

Several Complex Variables

Volume 7: A. G. Vitushkin (Ed.)

Several Complex Variables I

Introduction to Complex Analysis

1990. VII, 248 pp. ISBN 3-540-17004-9

Volume 8: A. G. Vitushkin, G. M. Khenkin (Eds.)

Several Complex Variables II

Function Theory in Classical Domains. Complex Potential Theory

1994. VII, 260 pp. 19 figs. ISBN 3-540-18175-X

Volume 9: G. M. Khenkin (Ed.)

Several Complex Variables III

Geometric Function Theory

1989. VII, 261 pp. ISBN 3-540-17005-7

Volume 10: S. G. Gindikin, G. M. Khenkin (Eds.)

Several Complex Variables IV

Algebraic Aspects of Complex Analysis

1990. VII, 251 pp. ISBN 3-540-18174-1

Volume 54: G. M. Khenkin (Ed.)

Several Complex Variables V

Complex Analysis in Partial Differential Equations and Mathematical Physics

1993. VII, 286 pp. ISBN 3-540-54451-8

Volume 69: W. Barth, R. Narasimhan (Eds.)

Several Complex Variables VI

Complex Manifolds

1990. IX, 310 pp. 4 figs. ISBN 3-540-52788-5

Volume 74: H. Grauert, T. Peternell, R. Remmert (Eds.)

Several Complex Variables VII

Sheaf-Theoretical Methods in Complex Analysis

1994. VIII, 369 pp. ISBN 3-540-56259-1