

Списък специализирана литература
Проект BG051 PO001-3.3.06-0057

Номер	Автор(и)	Заглавие	Издателство	Година	ISBN-13	Брой
1	A. Abragam	Principles of Nuclear Magnetism	Oxford University Press	1983	978-0198520146	3
2	A. Abragam	Electron Paramagnetic Resonance of Transition Ions	Oxford University Press	2012	978-0199651528	3
3	D. M. Bagguley	Pulsed Magnetic Resonance: NMR, ESR, and Optics: A Recognition of E.L. Hahn	Oxford University Press	1992	978-0198539629	3
4	Irina Artemieva	The Lithosphere	Cambridge University Press	2011	978-0521843966	2
5	Pathria, Beale	Statistical Mechanics	Academic Press	2011	978-0123821881	3
6	Adrian Bevan	Statistical Data Analysis for the Physical Sciences	Cambridge University Press	2013	978-1107670341	2
7	Alan D. Chave, Alan G. Jones	The Magnetotelluric Method, Theory and Practice	Cambridge University Press	2012	978-0521819275	2
8	Alexander Piel	Plasma Physics An Introduction to Laboratory, Space and Fusion Plasmas	Springer	2010	978-3642104909	2
9	Alik Ismail-Zadeh, Jaime Urrutia Fucugauchi, Andrzej Kijko, Kuniyoshi Takeuchi, Ilya Zaliapin	Extreme Natural Hazards, Disaster Risks and Societal Implications	Cambridge University Press	2014	978-1107033863	2
10	Allen, Eberly	Optical Resonance and two-level atoms	Dover Publications	1987	978-0486655338	5
11	Amnon Yariv, Pochi Yeh	Photonics: Optical Electronics in Modern Communications	Oxford University Press	2006	978-0195179460	1
12	Anja Schmidt, Kirsten Fristad, Linda Elkins-Tanton	Volcanism and Global Environmental Change	Cambridge University Press	2015	978-1107058378	2
13	Anthony E. Siegman	Lasers	Stanford University science Book	1986	978-0935702118	3
14	Arfken, Weber, Harris	Mathematical Methods for Physicists, Seventh Edition: A Comprehensive Guide	Elsevier	2012	978-0123846549	4
15	Arnold Frohn, Norbert Roth	Dynamics of Droplets	Springer/Experimental Fluid Mechanics	2000	978-3642085161	2
16	Aschcroft, Mermin	Solid State Physics	Cengage Learning	1976	978-0030839931	3
17	Bahaa E. A. Saleh, Malvin Carl Teich	Fundamentals of Photonics	Wiley	2007	978-0471358329	2
18	Balescu	Equilibrium and Non-Equilibrium Statistical Mechanics	Oxford University Press	2001	978-0195140187	2
19	Batchelor	An Introduction to Fluid Dynamics	Cambridge University Press	2000	978-0521663960	3
20	Berry	Principles of Cosmology and Gravitation	CRC Press	1989	978-0852740378	3
21	Boris M. Smirnov	Plasma Processes and Plasma Kinetics	Wiley-VCH	2007	978-3527406814	2
22	Born	Atomic Physics	Dover Books on Physics	1989	978-0486659848	5
23	Born	Principles of Optics: Electromagnetic Theory of Propagation, Interference and Diffraction of Light	Cambridge University Press	1999	978-0521642224	5
24	Braginsky, Khalili	Quantum Measurement	Cambridge University Press	1995	978-0521484138	3
25	Bruce W. Shore	Manipulating Quantum Structures Using Laser Pulses	Cambridge University Press	2011	978-0521763578	3
26	Byron, Fuller	Mathematics of Classical and Quantum Physics	Dover Publications	1992	978-0486671642	3
27	C. Donald Ahrens	Meteorology Today: An Introduction to Weather, Climate, and the Environment, 10th International edition	Cengage Learning	2012	978-0840058157	2
28	C. Vijayan, C. Vijayan	Essentials of Nonlinear Optics	Wiley	2014	978-1118901069	2
29	C. Will	Was Einstein Right?	Basic Books	1993	978-0465090860	3
30	C.J.Foot	Atomic physics	Oxford University Press	2005	978-0198506966	3
31	Carmichael	An open system approach to Quantum Optics	Springer	2014	978-3662139264	2
32	Chandrasekhar	Hydrodynamics and Hydromagnetic Stability	Dover Publications	1981	978-0486640716	3
33	Chang, Zhang	Special Relativity and Its Experimental Foundations	World Scientific Pub Co Inc	1998	978-9810227494	2
34	Claude Rulliere	Femtosecond Laser Pulses	Springer	2005	978-0387017693	2
35	Cohen Tannoudji	Quantum Mechanics II	Wiley-VCH	1991	978-0471164357	5
36	Cohen Tannoudji	Atom-Photon Interaction	Wiley-VCH	1997	978-0471293361	3
37	Cohen Tannoudji, Diu, Lalöe	Quantum Mechanics I	Wiley	1991	978-0471164333	5
38	Cohen Tannoudji, Dupont-Roc, Grynberg	Photons and Atoms: Introduction to Quantum Electrodynamics	Wiley-VCH	1997	978-0471184331	3
39	Condon, Shortley	The Theory of Atomic Spectra	Cambridge University Press	1935	978-0521092098	3

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Номер	Автор(и)	Заглавие	Издателство	Година	ISBN-13	Брой
40	D. Wilks	Statistical Methods in the Atmospheric Sciences, 3rd Edition	Academic press	2011	978-0123850225	2
41	Daniel Lidar and Todd Brun	Quantum Error Correction	Cambridge University Press	2013	978-0521897877	3
42	Daniel R. Lynch, David A. Greenberg, Ata Bilgili, Dennis J. McGillicuddy Jr, James P. Manning, Alfredo L. Aretxabaleta	Particles in the Coastal Ocean	Cambridge University Press	2015	978-1107061750	2
43	David J. Griffiths	Introduction to Electrodynamics, 4th International Edition	Addison-Wesley	2013	978-1292021423	8
44	David Pugh, Philip Woodworth	Sea-Level Science	Cambridge University Press	2014	978-1107028197	2
45	Demtröder	Laser Spectroscopy, Vol. 1	Springer	2008	978-3540734154	3
46	Demtröder	Laser Spectroscopy, Vol. 2	Springer	2008	978-3540749523	3
47	Demtröder	Atoms, Molecules and Photons	Springer	2010	978-3642102974	3
48	Dennis Flaherty	Immunology for pharmacy	Mosby	2012	978-0323069472	2
49	Donald L. Turcotte, Gerald Schubert	Geodynamics, Third edition	Cambridge University Press	2014	978-0521186230	2
50	E. Ince	Ordinary Differential Equations	Dover Books on Mathematics	1956	978-0486603490	3
51	E. Wigner	Group Theory and its Application to the Quantum Mechanics of Atomic Spectra	Academic Press	1990	978-0387192017	3
52	Einstein	The meaning of relativity	Princeton University Press	2014	978-0691164083	3
53	Elias Kiritsis	String Theory in a Nutshell	Princeton University Press	2007	978-0691122304	2
54	Eugenia Kalnay	Atmospheric Modeling, Data Assimilation and Predictability	Cambridge University Press	2002	978-0521796293	2
55	F. Shu	The Physical Universe: An Introduction to Astronomy	University Science Books	1982	978-0935702057	3
56	Feynman	Quantum Electrodynamics	Westview Press	1998	978-0201360752	3
57	Feynman, Hibbs	Quantum Mechanics and path integrals	Dover Publications	2010	978-0486477220	3
58	Foot	Atomic Physics	Oxford University Press	2005	978-0198506966	3
59	Francis F. Chen	Introduction to Plasma Physics and Controlled Fusion: Volume 1: Plasma Physics: Vol. 1	Springer	1984	978-0306413322	2
60	Frank Gaitan	Quantum Error Correction and Fault Tolerant Quantum Computing	Taylor & Francis	2008	978-0849371998	3
61	G. Auletta, G. Parisi	Foundations and interpretations of quantum mechanics	World Scientific Pub Co Inc	2000	978-9810246143	3
62	G. loos, D. Joseph	Elementary Stability and Bifurcation Theory	Springer	1997	978-0387970684	3
63	G.A.Brooker	Modern classical optics	Oxford University Press	2003	978-0198599654	2
64	Gantmacher	Matrix Theory, Vol. 1	American Mathematical Society	2012	978-1470409166	3
65	Gantmacher	Matrix Theory, Vol. 2	American Mathematical Society	2012	978-1470409173	3
66	George Helffrich, James Wookey, Ian Bastow	The Seismic Analysis Code	Cambridge University Press	2013	978-1107613195	2
67	Gerry, Knight	Introductory Quantum Optics	Cambridge University Press	2004	978-0521527354	3
68	Goodman	Introduction to Fourier Optics, 3rd Revised Edition	Roberts & Company Publishers	2005	978-0974707723	3
69	Graham	Practical Holography	CRC Press	2003	978-0750309127	3
70	Gregory J. Gbur	Mathematical Methods for Optical Physics and Engineering	Cambridge	2011	978-0521516105	2
71	Greiner	Classical Mechanics: Point Particles and Relativity	Springer	2003	978-0387955865	3
72	Greiner	Quantum Chromodynamics	Springer	2007	978-3540485346	3
73	Greiner	Relativistic quantum mechanics: Wave Equations	Springer	2000	978-3540674573	3
74	Greiner	Quantum Mechanics: Introduction	Springer	2009	978-3540674580	7
75	Greiner	Quantum Electrodynamics	Springer	2008	978-3540875604	4
76	Greiner	Gauge Theory of Weak Interactions	Springer	2009	978-3540878421	3
77	Greiner	Classical Mechanics: Systems of Particles and Hamiltonian Dynamics	Springer	2009	978-3642034336	5
78	Greiner, Bromley	Classical Electrodynamics	Springer	1998	978-0387947990	3
79	Greiner, Bromley	Quantum Mechanics: Special Chapters	Springer	2004	978-3540600732	4

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Номер	Автор(и)	Заглавие	Издателство	Година	ISBN-13	Брой
80	Greiner, Neise, Stöcker, Rischke	Thermodynamics and Statistical Mechanics	Springer	2001	978-0387942995	7
81	Griffiths	Introduction of Quantum Mechanics	Pearson Prentice Hall	2004	978-0131118928	8
82	Griffiths	Introduction to Elementary Particles	Wiley-VCH	2008	978-3527406012	8
83	H. Callen	Thermodynamics and Introduction to Thermostatistics	Wiley	1985	978-0471862567	3
84	H. Goldstein	Classical Mechanics, 3rd International Edition	Addison-Wesley	2013	978-1292026558	3
85	H. Price	Time's Arrow and Archimedes's Point: New Directions for the Physics of Time	Oxford University Press	1997	978-0195117981	3
86	Hammermesh	Group Theory and its Application to physical problems	Dover Publications	1989	978-0486661810	3
87	Harrison	Solid State Theory	Dover Publications	2011	978-0486639482	4
88	Hecht	Optics, 4th International Edition	Addison-Wesley	2013	978-1292021577	3
89	Heine	Group Theory of Quantum Mechanics	Dover Publications	2007	978-0486458786	3
90	Herzberg	Atomic Spectra and Atomic Structure	Dover Books on Physics	2010	978-0486601151	3
91	Hobson, Efstathiou, Lasenby	General Relativity: An Introduction for Physicists	Cambridge University Press	2006	978-0521829519	5
92	Hua - Wei Zhou	Practical Seismic Data Analysis	Cambridge University Press	2014	978-0521199100	2
93	IPCC	Climate Change 2007 - The Physical Science Basis: Working Group I Contribution to the Fourth Assessment Report of the IPCC	Cambridge University Press	2007	978-0521705967	2
94	IPCC	Climate Change 2013 - The Physical Science Basis: Working Group I Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change	Cambridge University Press	2014	978-1107661820	2
95	Itzykson, Zuber	Quantum Field Theory	Dover Publications	2006	978-0486445687	3
96	J. Fourier	The Analytical Theory of Heat	Cosimo Classics	2007	978-1110754083	3
97	J. Kelly	Graduate Mathematical Physics, With MATHEMATICA Supplements	Wiley-VCH	2006	978-3527406371	2
98	J. Neumann	Mathematical Foundations of Quantum Mechanics	Princeton University Press	1996	978-0691028934	3
99	J. Singleton	Band theory and electronic properties of solids	Oxford University Press	2001	978-0198506447	2
100	J.F.Annett	Superconductivity, Superfluids, and Condensates	Oxford University Press	2004	978-0198507567	3
101	J.P.Sethna	Entropy, order parameters, and complexity	Oxford University Press	2006	978-0198566779	2
102	Jackson	Classical Electrodynamics	Wiley	1998	978-0471309321	5
103	James R. Holton	An Introduction to Dynamic Meteorology, Fifth Edition	Academic Press	2012	978-0123540157	2
104	John J. Clague, Douglas Stead	Landslides - Types, Mechanisms and Modelling	Cambridge University Press	2012	978-1107002067	2
105	John L. Friedman, Nikolaos Stergioulas	Rotating Relativistic Stars	Cambridge University Press	2013	978-0521872546	2
106	Joseph Polchinski	String Theory, Vol. 1	Cambridge University Press	2005	978-0521672276	2
107	Joseph Polchinski	String Theory, Vol. 2	Cambridge University Press	2005	978-0521672283	2
108	K. Thorne, S. Hawking	Black Holes and Time Warps: Einstein's Outrageous Legacy	W. W. Norton & Company	1995	978-0393312768	3
109	Karl F. Renk	Basics of Laser Physics	Springer	2012	978-3642235641	2
110	Karttunen, Kröger, Oja, Poutanen, Donner	Fundamental Astronomy	Springer	2007	978-3540341437	3
111	Kittel	Introduction to Solid State Physics	Wiley	2004	978-0471415268	3
112	Kolb, Turner	The Early Universe	Westview Press	1994	978-0201626742	3
113	Krane	Introductory Nuclear Physics	Wiley	1987	978-0471805533	3
114	Leland Timothy Long, Ronald Douglas Kaufmann	Acquisition and Analysis of Terrestrial Gravity Data	Cambridge University Press	2013	978-1107024137	2
115	Levin Boris, Nosov Mikhail	Physics of Tsunamis	Springer	2009	978-1402088551	2
116	Lightman, Price	Problem Book in Relativity and Gravitation	Princeton University Press	1975	978-0691081625	3
117	Loudon	The Quantum Theory of Light	Oxford University Press	2000	978-0198501763	3
118	M. Fox	Quantum optics	Oxford University Press	2006	978-0198566731	3
119	M. Weissbluth	Atoms and Molecules	Academic Press	1978	978-0124123793	1
120	M.Maggiore	A modern introduction to quantum field theory	Oxford University Press	2005	978-0198520740	2

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Номер	Автор(и)	Заглавие	Издателство	Година	ISBN-13	Брой
121	M.T.Dove	Structure and dynamics: an atomic view of materials	Oxford University Press	2003	978-0198506782	2
122	Mandl, Shaw	Quantum Field Theory	Wiley	2010	978-0471496847	3
123	Marion, Thornton	Classical Dynamics of Particles and Systems	Brooks Cole	2003	978-0534408961	5
124	Mark Newman	Computational Physics	CreateSpace Independent Publishing Platform	2012	978-1480145511	2
125	Mary L. Boas	Mathematical Methods in the Physical Sciences (Third Edition)	John Willey & Sons, Inc.	2006	978-0471198260	8
126	Mermin	Quantum Information	Cambridge University Press	2007	978-0521876582	3
127	Messiah	Quantum Mechanics	Dover Publications	1999	978-0486409245	2
128	Miles J. Padgett, Justin Molloy, David McGloin	Optical Tweezers: Methods and Applications	CRC Press	2010	978-1420074123	2
129	Millman, Parker	Elements of Differential Geometry	Prentice-Hall Inc	1977	978-0132641432	3
130	Milonni	Fast Light, Slow Light and Left-Handed Light	CRC Press	2004	978-0750309264	3
131	Misner, Thorne, Wheeler	Gravitation	W. H. Freeman	1973	978-0716703440	3
132	Mitchel, Waldrop	Complexity	Simon & Schuster	1993	978-0671872342	2
133	Mitiyasu Ohnaka	The Physics of Rock Failure and Earthquakes	Cambridge University Press	2013	978-1107030060	2
134	Mrinal K. Sen, Paul L. Stoffa	Global Optimization Methods in Geophysical Inversion, 2nd edition	Cambridge University Press	2013	978-1107011908	2
135	N. O. Weiss, M. R. E. Proctor	Magnetoconvection	Cambridge University Press	2014	978-0521190558	2
136	Narlikar	An Introduction to Cosmology	Cambridge University Press	2002	978-0521793766	3
137	Nikolis, Prigogine	Exploring Complexity: An Introduction	W H Freeman	1989	978-0716718598	3
138	Ohanian, Ruffini	Gravitation and Spacetime	W. W. Norton & Company	1994	978-0393965018	3
139	Orazio Svelto	Principles of Lasers	Springer	2010	978-1441913012	2
140	P. Atkins, R. Friedman	Molecular Quantum Mechanics	Oxford University Press	2010	978-0199541423	3
141	P. Miloni	The Quantum Vacuum: An introduction to quantum electrodynamics	Academic Press	1993	978-0124980808	3
142	P. Teller	An Interpretive Introduction to Quantum Field Theory	Princeton University Press	1997	978-0691016276	7
143	P.K.Ghosh	Ion Traps	Clarendon Press	1995	978-0198539957	2
144	Pauli	Theory of Relativity	Dover Publications	1981	978-0486641522	3
145	Perkins	Introduction to High Energy Physics	Cambridge University Press	2000	978-0521621960	3
146	Peskin, Schroeder	An introduction to quantum field theory	Westview Press	1995	978-0201503975	3
147	Peter Moczo, Jozef Kristek, Martin Galis	The Finite-Difference Modelling of Earthquake Motions, Waves and Ruptures	Cambridge University Press	2014	978-1107028814	2
148	Peter, Jones, Jonathan, Wimperis, Stephen Hore	NMR: THE TOOLKIT: How Pulse Sequences Work	Oxford University Press	2015	978-0198703426	4
149	Purcell	Electricity and Magnetism	Cambridge University Press	2013	978-1107014022	3
150	Puri	Mathematical Methods of Quantum Optics	Springer	2001	978-3540678021	3
151	R. Feynman	Theory of fundamental processes	Westview Press	1998	978-0201360776	3
152	R. Feynman	Feynman Lectures on Gravitation	Westview Press	2002	978-0813340388	3
153	R. Fox, A. McDonald, Pritchard	Introduction to Fluid Mechanics	Wiley	2011	978-1118921876	4
154	R. Mattuck	A Guide to Feynman Diagrams in the Many-Body Problem	Dover Publications	1992	978-0486670478	5
155	R.A.L.Jones	Soft condensed matter	Oxford University Press	2002	978-0198505891	2
156	R.Chiao, J.Garrison	Quantum optics	Oxford University Press	2014	978-0199689996	3
157	Richard R. Ernst, Geoffrey Bodenhausen, Alexander Wokaun	Principles of Nuclear Magnetic Resonance in One and Two Dimensions	Oxford University Press	1997	978-0198556473	3
158	Ringrose Philip, Bentley Mark	Reservoir Model Design	Springer	2015	978-9400754966	2
159	Robert H. Stolt, Arthur B. Weglein	Seismic Imaging and Inversion Volume 1	Cambridge University Press	2012	978-1107014909	2
160	Robert Raffa	Netter's Illustrated Pharmacology	Saunders	2013	978-0323220910	2
161	Robert W. Boyd	Nonlinear Optics	Academic Press	2008	978-0123694706	7
162	Robert W. Boyd, Svetlana G. Lukishova, Y. R. Shen	Self-focusing: Past and Present: Fundamentals and Prospects	Springer	2009	978-0387321479	2
163	Robert W. Schunk and Andrew F. Nagy	Ionospheres Physics, Plasma Physics, and Chemistry, 2nd Edition	Cambridge University Press	2009	978-0521877060	2

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Номер	Автор(и)	Заглавие	Издателство	Година	ISBN-13	Брой
164	Roderick Nairn	Immunology for medical students	Mosby	2006	978-0323043311	2
165	Roel Snieder, Kasper van Wijk	A guided Tour of a Mathematical Methods for the Physical Sciences, Third edition	Cambridge University Press	2015	978-1107641600	2
166	Roel Snieder, Ken Larner	The Art of Being a Scientist	Cambridge University Press	2009	978-0521743525	2
167	Russell M. Kulsrud	Plasma Physics for Astrophysics	Princeton University Press	2004	978-0691120737	2
168	Ryder	Introduction to General Relativity	Cambridge University Press	2009	978-0521845632	3
169	S. Barnett	Quantum information	Oxford University Press	2009	978-0198527633	3
170	S. Barnett	Methods in Theoretical Quantum Optics	Oxford University Press	2003	978-0198563617	3
171	S. Blundell, K. Blundell	Concepts in Thermal Physics	Oxford University Press	2009	978-0199562107	5
172	S. Chapman, T. Cowling	The Mathematical Theory of Non-Uniform Gases	Cambridge University Press	1991	978-0521408448	3
173	S. Weinberg	Lectures on Quantum Mechanics	Cambridge University Press	2012	978-1107028722	3
174	S.J.Blundell	Magnetism in condensed matter physics	Oxford University Press	2001	978-0198505914	3
175	Sarah A. Fagents, Tracy K.P. Gregg, Rosaly M.C. Lopes	Modelling Volcanic Processes, The Physics and Mathematics of Volcanism	Cambridge University Press	2013	978-0521895439	2
176	Scott Birney, Guillermo González, David Oesper	Observational Astronomy 2nd Edition	Cambridge University Press	2006	978-0521853705	2
177	Seelye Martin	An Introduction to Ocean Remote Sensing	Cambridge University Press	2014	978-1107019386	2
178	Segel, Handelman	Mathematics Applied to Continuum Mechanics	Society for Industrial and Applied Mathematics	2007	978-0898716207	3
179	Serge A. Shapiro	Fluid-Induced Seismicity	Cambridge University Press	2015	978-0521884570	2
180	Stanley	Introduction to Phase Transitions and Critical Phenomena	Oxford University Press	1987	978-0195053166	3
181	T. Chow	Mathematical Methods for Physicists: A concise introduction	Cambridge University Press	2000	978-0521655446	3
182	Tim Vasquez	Weather Analysis and Forecasting Handbook	Weather Graphics Technologies	2011	978-0983253303	2
183	Tritton	Physical Fluid Dynamics	Oxford University Press	1988	978-0198544937	3
184	Tullio Levi-Civita	The absolute differential Calculus	Dover Publication	2013	978-0486634012	7
185	Vincent C. H. Tong, Rafael A. Garcia	Extraterrestrial Seismology	Cambridge University Press	2012	978-1107041721	2
186	W. Greiner, B. Müller	Quantum Mechanics: Symmetries	Springer	2008	978-3540580805	3
187	W. Nolting	Fundamentals of Many-Body Physics	Springer	2009	978-3540719304	3
188	Weinberg	First Three Minutes	Basic Books	1993	978-0465024353	3
189	Weinberg	Gravitation and Cosmology: Principles and Applications of General Theory of Relativity	John Wiley	1972	978-0471925675	3
190	Weinberg	The Quantum Theory of Fields Vol. 1	Cambridge University Press	2005	978-0521670531	3
191	Weinberg	The Quantum Theory of Fields Vol. 2	Cambridge University Press	2005	978-0521670548	3
192	Wheeler, Zurek	Quantum Theory and Measurement	Princeton University Press	2014	978-0691613161	3
193	White, Meeson	Experimental Techniques in Low-Temperature Physics	Oxford University Press	2002	978-0198514275	3
194	William I. Newman	Continuum Mechanics in the Earth Science	Cambridge University Press	2012	978-0521562898	2
195	William J. Hinze, Ralph R. B. von Frese, Afif H. Saad	Gravity and Magnetic Exploration, Principles Practices and Applications	Cambridge University Press	2013	978-0521871013	2
196	Yang Hong	Radar hydrology principles, models and applications	CRC Press	2014	978-1466514614	2
197	Zee	Quantum Field Theory in a Nutshell	Princeton University Press	2010	978-0691140346	3