

LIST OF E-BOOKS ON PHYSICS

S.No	Title	Author	Publisher	Year
1	Advances in Semiconductor Nanostructures	Ed by Latyshev, A. V. &	Elsevier	2017
2	An Introduction to Statistical Mechanics and Thermodynamics	Swendsen, R.H	Oxford	2020
3	An Introduction to Synchrotron Radiation - Techniques and Applications 2e	Willmott, P.	Wiley	2019
4	An Introduction to X-ray Crystallography	Woolfson, M.M	Cambridge University Press	2010
5	Applications of Plasma Technologies to Material Processing	Speranza , G. & Liu, W.	Taylor Francis	2019
6	Aspects of Symmetry	Coleman, S.	Cambridge University Press	2010
7	Atomic and Laser Spectroscopy	Corney, A.	Oxford	2007
8	Chi-Squared Data Analysis and Model Testing for Beginners	Witkov, C. and Zengel, K.	Oxford	2019
9	Computational Physics	Thijssen, J.	Cambridge University Press	2012
10	Concepts of Elementary Particle Physics	Peskin, M. E.	Oxford	2019
11	Concepts of Modern Physics SIE	Beiser, A. & Mahajan, S.	Mc Graw-Hill	2015
12	Electricity Magnetism and Electromagnetic Theory	Mahajan,S & Choudhury, S.R	Mc Graw-Hill	2012
13	Electronic Principles	Malvino, A & Bates, D.J.	Mc Graw-Hill	
14	Electronic Structure	Martin, R.M.	Cambridge University Press	2012
15	Electrons in Molecules : From Basic Principles to Molecular	Launay, J. and Verdagner, M.	Oxford	2018
16	Essential Quantum Optics	Leonhardt, U	Cambridge University Press	2012
17	General Relativity	Ludvigsen, M.	Cambridge University Press	2010
18	Gravity: Pearson New International Edition	Hartle, J. B.	Pearson Education	2013
19	Halide Perovskites - Photovoltaics, Light Emitting Devices, and Beyond	Sum, Tze-Chien & N	Wiley	2019
20	Handbook of Photovoltaic Science and Engineering	Luque, A & Hegedus, S.	Wiley	2011

21	Introduction to High Energy Physics	Perkins, D.H	Cambridge University Press	2012
22	Introduction to Nanomaterials and Devices	Manasreh, O.	Wiley	2011
23	Introduction to Nanophotonics	Gaponenko, S.V.	Cambridge University Press	2012
24	Introduction to Quantum Optics	Grynberg, G & Alain, A.	Cambridge University Press	2012
25	Introductory Nuclear Physics	Wong, S.S.M	Wiley	1998
26	Introductory Quantum Optics	Gerry, C.& Knight, P.	Cambridge University Press	2012
27	Ion Beam Treatment of Polymers	Kondyurin, A. & Bilek, M.	Elsevier	2008
28	Laser Physics	Sargent III, M & Scully, M.O	Taylor Francis	2018
29	Lasers and Electro-optics	Davis, C.C.	Cambridge University Press	2014
30	Materials Characterization Using Nondestructive Evaluation (NDE) Methods	Ed.Huebschen, G. & Altpeter, I.	Woodhead Publishing	2016
31	Materials Informatics - Methods, Tools, and Applications	Isayev, O. ,Tropsha, A. & Curtarolo, S.	Wiley	2019
32	Mathematical Methods for Physics and Engineering	Riley, K.F. & Hobson, M.P.	Cambridge University Press	2012
33	Modern Quantum Mechanics	Sakurai, J.J. & Napolitano, J.	Cambridge University Press	2018
34	Modern Techniques of Surface Science	Woodruff, D.P & Delchar, T.A.	Cambridge University Press	2010
35	Nano: The Essentials	Pradeep, T	Mc Graw-Hill	2007
36	Optical Coherence and Quantum Optics	Mandel, L & Wolf, E.	Cambridge University Press	2013
37	Optical Electronics	Ghatak, A.K & Thyagarajan, K.	Cambridge University Press	2012
38	Optics, Global Edition	Hecht, E.	Pearson Education	2016
39	Oxide Thermoelectric Materials - From Basic Principles to Applications	Lin, Y.H, Lan, J.&	Wiley	2019
40	Physics of Crystal Growth	Pimpinelli, A. & Villain, J.	Cambridge University Press	2010
41	Physics of Semiconductor Devices	Sze, S.M. & Ng, Kwok K.	Wiley	2006
42	Polymer Electrolytes - Characterization Techniques and Energy Applications	Winie, T, Arof, A.K & Thomas, S.	Wiley	2020

43	Principles of Condensed Matter Physics	Chaikin, P.M & Lubensky, T.C	Cambridge University Press	2012
44	Principles of Optics	Born, M & Wolf, E	Cambridge University Press	2020
45	Quantum Machine Learning	Wittek, P.	Academic Press	2014
46	Quantum Mechanics	Auletta, G. & Fortunato, M.	Cambridge University Press	2012
47	Quantum Optics	Scully, M.O & Zubairy, M.S	Cambridge University Press	2012
48	Schaum's Easy Outline of Basic Electricity	Gussow, M.	Mc-Graw Hill International	2002
49	Schaum's Easy Outlines: Quantum Mechanics	Yoav Peleg & Pnini, R.	Mc-Graw Hill International	2006
50	Schaum's Outline of Beginning Physics II: Waves, Electromagnetism, Optics, and Modern Physics	Halpern, A. & Erlbach, E.	Mc-Graw Hill International	1998
51	Schaum's Outline of College Physics	Bueche, F & Hecht, E.	Mc-Graw Hill International	2011
52	Schaum's Outline of Engineering Mechanics Dynamics	Nelson, E. & Best, C.	Mc-Graw Hill International	2010
53	Schaum's Outline of Engineering Mechanics: Statics	Nelson, E. & Best, C.	Mc-Graw Hill International	2010
54	Schaum's Outline of Heat Transfer	Pitts, D & Sissom, L.E.	Mc-Graw Hill International	1998
55	Schaum's Outline of Mathematics for Physics Students	Steiner, R. & Schmidt,	Mc-Graw Hill International	2007
56	Schaum's Outline of Quantum Mechanics	Peleg, Y & Pnini, R.	Mc-Graw Hill International	2010
57	Schaum's Outline of Signals and Systems	Hsu, H.P.	Mc-Graw Hill International	2010
58	Schaum's Outline of Theory and Problems of Modern Physics, Second Edition	Gautreau, R. & Savin, W.	Mc-Graw Hill International	1999
59	Schaum's Outline of Vector Analysis	Spiegel, M & Lipschutz, S.	Mc-Graw Hill International	2009
60	Solid State Physics	Blakemore, J.S	Cambridge University Press	2012
61	Solid State Physics, 1e	John, R.	Mc Graw-Hill	2014
62	Superconductivity	Narlikar, A.V.	Oxford	2014
63	Surface Modification of Polymers - Methods and Applications	Pinson, J. & Thiry, D.	Wiley	2019
64	TB of Quantum Mechanics, 2E	Mathews, P.M & Venkatesan, K	Mc Graw-Hill	2010

65	The Nanotechnology Revolution : A Global Bibliographic Perspective	Stirling , D. A.	Taylor Francis	2018
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