



NEW BOOKS IN PHYSICS – OCTOBER 2009



| Title | Author/ Editor | Year published | Call Number | Location |
|--|-------------------|-------------------|---------------------------|--|
| 700 solved problems in vector mechanics for engineers Vol.II, Dynamics | Shelley, Joseph | 1991 | 620.104 SHE (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Computer simulation of liquids | Allen, MP | 1989 | 530.42 ALL (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Electromagnetics : with applications | Krause, John | 1999 | 537 KRA (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| The elegant universe | Greene, Brian | 2000 | 539.725 GRE (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Elementary engineering fracture mechanics | Broek, David | 1982 | 539.211 BRO (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Fundamentals of molecular spectroscopy | Banwell, CN | 1994 | 543.085 BAN (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Heat transfer | Bejan, Adrian | 1993 | 621.402 BEJ (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Introducing Einstein's relativity | D'inverno, Ray | 1992 | 530.11 DIN (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Introduction to electrodynamics | Griffiths, David | 2008 | 537.6 GRI (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Introduction to quantum field theory | Peskin, Michael | 1995 | 530.143 PES (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Introduction to solid state physics | Kittel, Charles | 2005 | 539.2 KIT (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Mathematical models of fluid dynamics | Ansorge, R | 2009 | 532.501 ANS (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Molecular driving forces | Dill, Ken | 2003 | 536.75 DIL (SHORT) | Level 2 Physical Sciences & Engineering Books |

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| Molecular thermodynamics of fluid-phase equilibria | Prausnitz, JM | 1999 | 536.7 PRA (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Optics | Hecht, Eugene | 2002 | 535 HEC (SHORT) | Level 2 Physical Sciences & Engineering Books |
| The physics of musical instruments | Fletcher, Neville | 1998 | 784.19 FLE (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| The principles of quantum mechanics | Dirac, Paul | 1981 | 530.12 DIR (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Quadrupole mass spectrometry and its applications | Dawson, Peter | 1995 | 543.087 QUA (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Quantum mechanics : non-relativistic theory | Landau, LD | 1991 | 530.12 LAN (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Quantum physics of atoms, molecules, solids, nuclei, and particles | Eisberg, Robert | 1985 | 530.145 EIS (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Sears and Zemansky's university physics : with modern physics | Young, Hugh D | 2008 | 530 YOU (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Solid state physics | Ashcroft, Neil W | 1976 | 539.2 ASH (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Solid state physics | Hook, JR | 1991 | 530.481 HOO (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| Spectral analysis for physical applications | Percival, Donald B | 1993 | 515.722 PER (SHORT) | Level 2 Physical Sciences & Engineering Books |
| Thermal physics | Kittel, Charles | 1980 | 536.7 KIT (STANDARD) | Level 2 Physical Sciences & Engineering Books |
| University physics | Benson, Harris | 1996 | 530 BEN (STANDARD) | Level 2 Physical Sciences & Engineering Books |

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