

Physics Dept Library Requests - May 2003
Kent Hornbostel
Dept of Physics, 103C Fondren Science, 8-1048
kjh AT mail.physics.smu.edu

1. *Introduction to Quantum Fields on a Lattice*
J. Smit
Cambridge, 2002, \$30
0521890519
2. *Probability Theory: The Logic of Science*
E. T. Jaynes
Cambridge, 2003, \$60
0521592712
3. *Heavy Flavour Physics*
C. Davies and S. Playfer
Institute of Physics Pub, 2002, \$60.00
0750308672
4. *QCD as a Theory of Hadrons*
S. Narison
Cambridge, 2003, \$95
0521 81164 3
5. *Methods of Contemporary Gauge Theory*
Y. Makeenko
Cambridge, 2002, \$90
0521 80911 8
6. *Introduction to Quantum Computation and Information*
H. Lo, S. Popescu and T. Spiller
World Scientific, 1999, \$60
981023399X
7. *Electroweak Symmetry Breaking and New Physics at the TeV Scale*
T. Barklow, S. Dawson, H. Haber, J. Siegrist, eds.
World Scientific, 1997, \$113
9810226314
8. *Introducing C++ for Scientists, Engineers and Mathematicians, 2nd ed.*
D. Capper
Springer Verlag, 2001, \$28
1852334886
9. *Hadrons and Quark Gluon Plasma*
Letessier and Rafelski
Cambridge, 2002, \$90
0521 38536 9

General Science: texts and references for courses

(Note that these don't need to be put on reserve.)

1. *Quantum Mechanics*
R. Robinett
Oxford, 1996, \$91
0 19-509202-3
2. *Gravity: An Introduction to Einstein's General Relativity*
J. Hartle
Benjamin Cummings, 2003, \$56
0-8053-8662-9
3. *Exploring Black Holes: Introduction to General Relativity*
E. Taylor
Benjamin Cummings, 2001, \$37
0-201-38423-X
4. *Introduction to Cosmology*
B. Ryden
Benjamin Cummings, 2003, \$54
0-8053-8912-1
5. *Space, Time and Quanta: An Introduction to Contemporary Physics*
R. Mills
W H Freeman & Co, 1994, \$38
0716724367
6. *Innumeracy*
J. A. Paulos
Hill and Wang Publishers, 2001, \$10
0809058405
7. *Group Theory in Physics: Problems and Solutions*
M. Aivazis
World Scientific, 1991, \$15
9810204868
8. *Mathematics for Physicists (Dover Books on Mathematics)*
P. Dennery and A. Krzywicki
Dover, 1996, \$15
0486691934
9. *Mathematical Methods for Physics and Engineering*
Riley, Hobson and Bence
Cambridge, 2002, \$120
0521 81372 7
10. *Gravity from the Ground Up*
B. Schutz
Cambridge, 2003, \$45
0521 45506 5

11. *A Modern Introduction to Particle Physics*
Fayyazuddin and Riazuddin
World Scientific, 2000, \$104
9810238762
12. *Modern Physics*
J. Pfeffer and S. Nir
ICP/World Scientific, 2000, \$78
1860942423
13. *Mathematics for the Physical Sciences*
J. Seaborn
Copernicus Books, 2002, \$50
0387953426
14. *Mathematical Methods*
S. Hassani
Springer Verlag, 2000, \$65
0387989587
15. *Mathematical Physics*
S. Hassani
Springer Verlag, 1999, \$90
0387985794