

**Physics Dept Library Requests - Dec 2003**

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1. *Theoretical Concepts in Physics, 2nd ed*  
M. Longair  
Cambridge, 2003, \$60  
052152878X
2. *Concise Encyclopedia of Supersymmetry*  
S. Duplij, W. Siegel, J. Bagger  
Kluwer Academic, 2003, \$195  
1-4020-1338-8
3. *Muon Physics. Vol I: Electromagnetic Interactions*  
ed. V. Hughes and C.-S. Wu  
Academic Press, 1977  
0-12-360601-2
4. *Accelerator Physics*  
S. Lee  
World Scientific, 1999, \$64  
981023709X
5. *Conformal Field Theory*  
S. Ketov  
World Scientific, 1995, \$47  
9810216084

**General Science: texts and references for courses**

1. *Quantum Field Theory*  
D. Atkinson, P. Johnson  
Rinton Press, 2002, \$48  
1-58949-024-X
2. *Exercises in Quantum Field Theory*  
D. Atkinson, P. Johnson  
Rinton Press, 2003, \$36  
1-58949-031-2
3. *Quantum Mechanics*  
E. Abers  
Pearson/Prentice Hall, 2004, \$106  
0 13 146100 1
4. *Introduction to General Relativity*  
G. 't Hooft  
Rinton Press, 2001, \$38  
1-58949-000-2

5. *Quantum Mechanics: A Modern Development*  
L. Ballentine  
World Scientific, 1998, \$42  
9810241054
6. *Quantum Physics*  
R. Newton  
Springer Verlag, 2002, \$70  
0387954732
7. *Advanced Engineering Mathematics, 8th ed.*  
(Replacement for lost library copy)  
E. Kreyszig  
Wiley, 1999, \$130  
0471154962
8. *Mathematica Computer Manual to Accompany Advanced Engineering Mathematics, 8th ed.*  
E. Kreyszig and E. Norminton  
Wiley, 2002, \$47  
0471386693
9. *Statistical Physics, 2nd Ed*  
F. Mandl  
Wiley, 1988 \$74  
0471915335
10. *Statistical and Thermal Physics*  
M. Sturge  
A K Peters, Ltd, 2003, \$59  
1-56881-196-9
11. *The Quantum Theory of Fields, Vol I*  
(replacement for lost copy)  
S. Weinberg  
Cambridge, 1995, \$68  
0521550017
12. *An Introduction to the Physics of Nuclei and Particles*  
R. Dunlap  
Brooks Cole, 2003, \$84  
0534392946
13. *Essential Mathematical Methods for Physicists, 5th ed.*  
H. Weber and G. Arfken  
Academic Press, 2003, \$86  
0120598779
14. *A Primer of Linear Algebra*  
(if still in print)  
G. Bradley

Prentice Hall, 1975

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