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1. *Quantum Chromodynamics, 2nd Ed.*  
W. Greiner, S. Schramm and E. Stein  
Springer Verlag, 2002, \$70  
354 06 6610 9
2. *Spin in Particle Physics*  
E. Leader  
Cambridge, 2001, \$130  
0521-35281-9
3. *Lectures on Quantum Chromodynamics*  
A. Smilga  
World Scientific, 2001, \$32  
981-02-4331-6
4. *The Geometry of Physics*  
T. Frankel  
Cambridge, 1997, \$100  
0521-38334-X
5. *Statistical Physics*  
L. Kadanoff  
World Scientific, 2000, \$86  
981-02-3758-8
6. *Kaon Physics*  
J. Rosner and B. Winstein  
U. Chicago, 2001, \$70  
0-226-90228-5
7. *Theoretical Nuclear and Subnuclear Physics*  
J. Walecka  
Oxford, 1995, \$95  
0195072146
8. *Modern Differential Geometry for Physicists*  
C. Isham  
World Scientific, 1999, \$54  
981-02-3555-0
9. *Symmetries, Lie Algebras and Representations*  
J. Fuchs and C. Schweigert  
Cambridge, 1997, \$105  
0521-5600102

## General Science: Texts and references for courses

1. *Quantum Mechanics Solver*  
J. Dalibard  
Springer Verlag, 2000, \$50  
3-540-63409-6
2. *Introduction to Quantum Mechanics*  
A. P. French  
W. W. Norton, 1978, \$45  
0-393-9106-6
3. *Chaos*  
H. J. Korsch and H. J. Jodl  
Springer Verlag, 1998, \$50  
3540-63893-8
4. *Physics: Calculus, 2nd Ed.*  
E. Hecht  
Brooks/Cole, 1999, \$120  
0-534-36270-2
5. *Physics for Scientists and Engineers, 5th Ed. (in one volume)*  
R. Serway and R. Beichner  
Harcourt, 2000, \$100  
0-03-026961-X
6. *The Undergrowth of Science*  
W. Gratzner  
Oxford, 2000, \$28  
0198507070
7. *Did Adam and Eve Have Navels?*  
M. Gardner  
W. W. Norton, 2000, \$27  
0393049639
8. *Bad Astronomy*  
P. Plait  
Wiley, 2002, \$16  
0471409766
9. *Flim-Flam! Psychics, ESP, Unicorns, and Other Delusions*  
J. Randi and I. Asimov  
Prometheus Books, 1988, \$21  
0879751983
10. *Principles of Quantum Mechanics, 2nd Ed.*  
R. Shankar  
Plenum, 1994, \$66  
0306447908

11. *Quantum Mechanics*  
N. Zettili  
Wiley, 2001, \$45  
0-471 48943 3
12. *Thermodynamics and Statistical Mechanics*  
W. Greiner, H. Stocker and L. Neise  
Springer Verlag, 1995, \$50  
0387942998
13. *Quantum Mechanics: An Introduction*  
W. Greiner  
Springer Verlag, 2001, \$60  
354 06 7458 6
14. *Applied Quantum Mechanics*  
W. Harrison  
World Scientific, 2000, \$58  
981-02-4375-8
15. *Special Relativity*  
H. Ohanian  
Physics Curriculum and Instruction, 2001, \$30  
0-9713134-1-5
16. *Problems and Solutions in Nonrelativistic Quantum Mechanics*  
A. Capri  
World Scientific, 2002, \$86  
981-02-4633-1
17. *Great Ideas in Physics*  
A. Lightman  
McGraw-Hill, 2000, \$15  
0071357386
18. *Statistical Mechanics: A Survival Guide*  
A. Glazer and J. Wark  
Oxford, 2001, \$60  
0-19-850815-8
19. *All the Mathematics You Missed*  
T. Garrity  
Cambridge, 2001, \$55  
0521-79285-1
20. *The Picture Book of Quantum Mechanics*  
S. Brandt and H. Dahmen  
Springer Verlag, 2001, \$60  
0-387-95141-5

21. *The Universe in a Nutshell*  
S. Hawking  
Bantam, 2001, \$35  
0-553-80202-X
22. *The Complete Book of Holograms*  
J. Kasper and S. Feller  
Dover, 2001, \$11  
0-486-41580-5
23. *Computational Physics: An Introduction*  
F. Vesely  
Plenum, 2001, \$60  
0-306-46631-7