

QUANTUM MECHANICS FKA081, supplementary reading

There are many fine text books on quantum mechanics. Some are out of print, but you'll still find them in the library. Make an excursion and find a friend for life!

As with any new subject, it is crucial to get the foundations straight! If bras, kets and unitary operators still trouble you, and you can't get any more out of Sakurai or my lecture notes, try

Chris J. Isham: "Lectures on Quantum Theory" (Imperial College Press,1997),

or, for the "real thing",:

P. A. M. Dirac, "Principles of Quantum Mechanics" (Oxford University Press, 4th edition, 1967).

For a nice collection of up-to-date applications, with worked solutions, see

Jean-Louis Basdevant and Jean Dalibard: "The Quantum Mechanics Solver" (Springer, 2000)

For a perspective, and interpretation, my own favorites are

David Lindley: "Where does the Weirdness Go? (Why Quantum Mechanics is Strange but not as Strange as You Think)" (Basic Books 1996)

Roland Omnès: "Understanding Quantum Mechanics", (Princeton University Press, 1999).