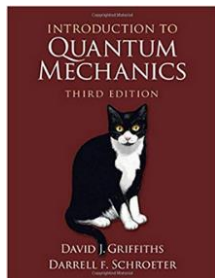


Phys-313 Quantum Mechanics – Book syllabus, Fall 2020

Required text for the course:

Introduction to Quantum Mechanics by David Griffiths

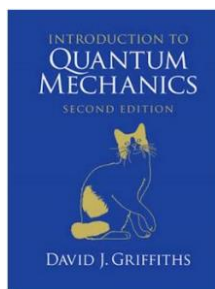


3rd edition, Cambridge University Press (2018)
ISBN-10: 1107189632, ISBN-13: 978-1107189638

This is a new edition which has only just come out. Compared to the 2nd edition (see below) this has a new chapter, additional problems, more applications to solid state physics, and “improved explanations.”

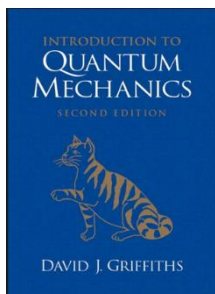
Or you may use the previous 2nd edition instead:

Introduction to Quantum Mechanics by David Griffiths, 2nd edition (2005)



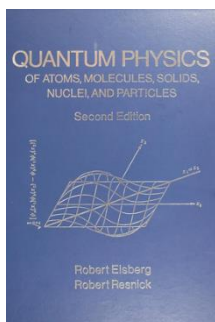
Re-issued by Cambridge University Press
ISBN-10: 1107179866, ISBN-13: 978-1107179868

Problem numbers, pages, etc. will be different from the 3rd edition, so if you buy this you'll have to coordinate with someone who has the 3rd edition



Original 2nd edition from Pearson, now out of print
ISBN: 9780131118928

Also highly recommended (but not required)



Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles by Robert Eisberg & Robert Resnick, 2nd edition (1985)

John Wiley & Sons
ISBN-13: 978-0471873730, ISBN-10: 047187373X

This book is well worth owning. It is out of print now, but you can find copies on Amazon.