

Quantum Theory of Scattering
Academy of Physics Teachers Kerala Workshop
23-24 June, 2018 at Christ College, Irinjalakuda
Govind Krishnaswami, Chennai Mathematical Institute

Some books on quantum scattering theory

1. D J Griffiths, *Introduction to Quantum Mechanics*, 2nd Ed., Pearson Education (2015).
2. R Shankar, *Principles of Quantum Mechanics*, 2nd Ed., Springer (2010).
3. B Dutta-Roy, *Elements of Quantum Mechanics*, 2nd Ed., New Age International (2017).
4. A Galindo and P Pascual, *Quantum Mechanics*, Vol 2, Springer-Verlag (1991).
5. J J Sakurai and J J Napolitano, *Modern Quantum Mechanics*, 2nd Ed., Pearson Education India (2013).
6. L D Landau and E M Lifshitz, *Quantum Mechanics - Non-relativistic Theory*, Course of Theoretical Physics - Vol. 3, 3rd Ed., Elsevier India (2004).
7. P Roman, *Advanced Quantum Theory*, Addison-Wesley (1965).
8. J R Taylor, *Scattering Theory: The Quantum Theory Of Non-relativistic Collisions*, Dover (2006).
9. R G Newton, *Scattering Theory of Waves and Particles*, Springer (1982).