

Phys 501: Quantum Mechanics II

Homework Set VIII (Due 1230pm, Wed, March 28, 2018)

Review Path integrals, application to the quadratic limit.

Prob.0. Derive the path integral expressions for particles in 3D with proper normalization factors.

Prob. 1 Exercise 8.6.1 (page 234 textbook)

Prob. 2 Exercise 8.6.2

Prob. 3 Exercise 8.6.3