

Physics 131

Spring 2009

Particle Physics Seminar #8

Textbook: Griffiths - Introduction to Elementary Particles

Website: (all notes referred to below are on web site)

http://chaos.swarthmore.edu/courses/Phys131_2007/index.html

Readings:

REQUIRED: Griffiths - Chapter - 6
05 QFT2

Topic(s):

(1) Quantum Electrodynamics

Professor Lecture Topic(s): Quantum Field Theory

Problems:

1. Griffiths 6-07 More kinematic relations
2. Griffiths 6-08 Elastic scattering
3. Griffiths 6-09 Collision process
4. Griffiths 6-10 More elastic scattering
5. Griffiths 6-11 Decay process
6. Griffiths 6-12 All the diagrams