MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Physics Department

8.323: Relativistic Quantum Field Theory I

PROBLEM SET 9

REFERENCES: Peskin and Schroeder, Chapter 3.

Problem 1: Fierz Transformations

Problem 3.6 of Peskin and Schroeder.

Problem 2: P, C, and T for Scalar and Dirac theories

Problem 3.7 of Peskin and Schroeder.

Problem 3: Electron-Positron Bound States

Problem 3.8 of Peskin and Schroeder.