

Problem Set 2

PHY 781 - Spring 2016

Assigned: Thursday, Feb. 18 Due: Thursday, Feb. 25

Problem 1: Lorentz Group

Peskin, Problem 3.1

Problem 2: Gordon Identity

Peskin, Problem 3.2

Problem 3: Majorana Fermions

Peskin, Problem 3.4

Problem 4: Fierz Transformations

Peskin, Problem 3.6

Problem 5: CPT

Peskin, Problem 3.7

Please write down how many hours you spent on this problem set.