

8.324 Problem Set 11

References Peskin and Schroeder, chapters 13,15

Problem 1 The CP^n Model Peskin and Schroeder, problem 13.3.

Problem 2 $SU(3)$ matrices Peskin and Schroeder, problem 15.1.

Problem 3 adjoint of $SU(2)$. Peskin and Schroeder, problem 15.2.

Problem 4 Coulomb potential for a Wilson loop Peskin and Schroeder, problem 15.3.

Problem 5 Scalar propagator and a Wilson loop Peskin and Schroeder, problem 15.4.