

## 8.324 Problem Set 10

**References** Peskin and Schroeder, chapter 13, Part II

**Problem 1 The Coleman Weinberg Potential** Peskin and Schroeder, Part II, Final Project, problems (f) to (h)

**Problem 2 Correction to scaling exponent** Peskin and Schroeder, problem 13.1.

**Problem 3 The exponent  $\eta$**  Weinberg, problem 13.2.