

1

Show that the 3-body decay phase space is correctly described by equations 120.4 and 121.1 in the lecture notes.

2

Read Schwartz' discussion on Initial State Radiation (section 20.3.2) and Dim. Reg. of IR divergences (section 20.A). (note: this is informative in character, only dwell deep into the calculations if you have leftover time)