HOMEWORK #3 (Due 1:30pm April 20th)

NOTE: You should have finished reading Ryden ch. 4 last week; read chapter 5 this week.

Problem 1 (3 pts): Critical Density
          Ryden 4.4

Problem 2 (3 pts): Einstein’s Static Universe
          Ryden 4.2

Problem 3 (3 pts): Rate of Change of Redshift
          Ryden, Problem 5.1.

Problem 4 (2 pts):
   Evolution of redshift with time. Is it measurable?
   Ryden 5.2