

Course 002: Problem Set 1

Please do the following questions from Rangarajan Sundaram's "A First Course in Optimization Theory":

Chapter 1: 2, 3, 16, 17, 18, 19, 20, 21, 44, 46, 47.

Chapter 2: 1, 3, 4.

Chapter 3: 2, 3, 10, 13, 15.

Chapter 4: 1, 2, 3, 4(a, b, c, d).

Chapter 5: 1, 2, 3(a, b, c), 7, 9, 11.

Chapter 6: 1, 2, 3, 6, 8, 9, 11.