

UC Berkeley
Department of Electrical Engineering and Computer Science

EECS 227A
NONLINEAR AND CONVEX OPTIMIZATION

Problem Set 4
Fall 2009

Issued: Tuesday, October 6

Due: Thursday, October 15, 2009

Reading: Boyd and Vandenberghe: Chapter 2, §4.3, 4.4

Problem 4.1

B & V, Problem 2.12, parts (d), (e) (g).

Problem 4.2

B & V, Problem 2.13

Problem 4.3

B & V, Problem 2.26

Problem 4.4

B & V, Problem 2.33

Problem 4.5

B & V, Problem 4.14