Due via email on Monday, February 22, 2021. Please use the subject line "MECH 6327: Homework 2 Submission", submit all solutions in a single pdf file, and name your file "Yourlastname\_HW2.pdf".

Reminder: Please read through BV Chapters 2 and 3.

## 1 Convex Sets

• Do problems 2.5, 2.7, 2.12, 2.28, and 2.33 from the BV textbook.

## 2 Convex Functions

• Do problems 3.6, 3.16, 3.18(a), 3.22 from the BV textbook.