

MAT202
Homework 2 (Assigned on February 1, 2019).

Problem 1.

Exercise 9.10.18 from page 161.

Problem 2.

Exercise 9.10.22 from page 162.

Problem 3.

Exercise 9.10.23 from page 162.

Problem 4.

Exercise 9.10.24 from page 163.

Problem 5.

Prove that a subset of a Banach set is weakly bounded iff it is strongly bounded.