

# Extra Exercises from book

December 6, 2022

Below are some exercises from our book that were suggested to be done in addition to the weekly homework. The book is Introduction to Real Analysis 4<sup>th</sup> edition by Bartle and Shebert. The section and exercise numbers refer to the book. I have worked almost all of these problems and am working to get them typed up.

## Section 11.1

3. Write out the Induction argument in the proof of part (b) of the Open Set Properties 11.1.4.
5. dfed