

Homework 01

1. Section 10.1: Problems 46, 53, 59, 63, 67, 69, 73, 81, 87, 125.

Hint for problem 73: Read Appendix A.5.

Hint for problem 87: Multiply by $\frac{n + \sqrt{n^2 - n}}{n + \sqrt{n^2 - n}}$.

Hint for problem 125: See page 2 and page 3 in v02 of lecture 02 note to see the revised (simpler) argument on how to find N .

2. Section 10.2: Problems 31, 33, 43, 61, 65, 71, 78.