

## Practice Sheet<sup>1</sup>

**Book:** D. Kincaid and W. Cheney, Numerical Analysis: Mathematics of Scientific Computing, 3rd Indian Ed., AMS, 2002.

Problems 3.2 (pp. 90-91): 4, 5, 7, 8, 18.

Problems 3.4 (pp. 106-108): 23-26, 32-35, 37, 40.

Problems 6.1 (pp. 323-327): 21-24, 26, 27, 36.

Problems 6.4 (pp. 361-364): 11, 17, 18, 23, 25, 26.

Problems 7.2 (pp. 488-491): 4-7, 10, 11, 13, 14, 18, 21, 22, 31.

Problems 7.3 (pp. 498-501): 7, 8, 11, 13, 15, 18-21, 23, 25.

Practice as many examples as you can from both

- a. D. Kincaid and W. Cheney, Numerical Analysis: Mathematics of Scientific Computing, 3rd Ed., AMS, 2002.
- b. K. E. Atkinson, An Introduction to Numerical Analysis, Wiley, 1989.

Also, you can practise as many exercise problems as possible from both the books above.

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<sup>1</sup> These problems are representative only.