

MEC 320: Numerical Methods in Engineering Design and Analysis (Spring 2024)

Instructor: Professor Foluso Ladeinde

Homework Set **III**

Due Wednesday February 28, 2024, 11:59 PM (Brightspace)

Please Work Independently.

Show Your Work Very Clearly

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Problem 5.2, 5.12 (Page 143), 5.18 (Page 144), 6.2 (Page 174), 6.22 (Page 176), 8.7; 8.8 (Page 219), 8.53 (Page 229)

Textbook: Numerical Methods for Engineers, Steven C. Chapra and Raymond P. Canale, McGraw-Hill, Eighth Edition (2021).