

Assignment #2

Due Tuesday, 19 September at the start of class

Please read sections 1.3, 1.5, 2.2, 2.3, and 3.1 of the textbook J. Epperson, *An Intro. to Numerical Methods and Analysis*, 2nd edition.

Section 1.1, pages 11–14:

- **Exercise 14** Note that the Gregory series is on page 8.

Section 1.3, pages 27–29:

- **Exercise 2** Do all parts.

Section 1.5, pages 33–35:

- **Exercise 5**
- **Exercise 9**

Section 2.2, pages 53–56:

- **Exercise 1**
- **Exercise 3** Note your code will implement both approximations (2.1) and (2.5). Just do parts (a), (b), (c).
- **Exercise 6**
- **Exercise 8**

Section 2.3, pages 60–61:

- **Exercise 4**
- **Exercise 7**
- **Exercise 8**