

HW 3, Due Week 6

Due is the computer Numerical DE Homework, PDF link below. The work uses as a reference the statements from textbook exercises 2.4-6, 2.5-6, 2.6-6. Please review all problems below, prior to starting the numerical homework. REPEAT: You are not expected to write solutions to review problems, or even to solve them. Review problems are for reading.

2.4: 2, 3, 4, 6, 10, 12, 17 Euler's method

2.5: 3, 4, 5, 6, 10, 12 Improved Euler or Heun

2.6: 3, 4, 5, 6, 10, 12 Runge-Kutta, RK4

The PDF source and instructions for HW3 can be found here:

<http://www.math.utah.edu/~gustafso/s2019/2280/homework/numericalDEproject/numericalDEproject-S2019.pdf>

The due date for this numerical work is Week 6. Submit it with maple lab 1.

All homework listed in one file Here.