

MACM 316 – Homework 8

- Problems are not to be submitted. The related quiz will be given in class.
- Feel free to use Canvas discussions but please keep in mind that these forums are open.

A. Adaptive and Gaussian quadrature

Section 4.6, Ex 1

Section 4.6, Ex 3

Section 4.6, Ex 7

Section 4.7, Ex 3

Section 4.7, Ex 5

Section 4.7, Ex 7

Section 4.7, Ex 11

B. Theory of IVPs

Section 5.1, Ex 1 (no need to find the solution)

Section 5.1, Ex 3

Section 5.1, Ex 5

C. Euler's method

Section 5.2, Ex 1

Section 5.2, Ex 5

Section 5.2, Ex 9

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