

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH

**Calculus II**

**MATH 1220 – Section 06 – Fall 2016**

**Homework 3**

**ODE approximations, trigonometric functions, and hyperbolic functions**

**Due September 13, 2016**

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Text: Calculus with Differential Equations, 9th edition,

Section 6.7: # 7, 11, 13

Section 6.8: # 1, 3, 5, 7, 9, 19, 21, 25, 27, 29, 31, 33, 39, 41, 43, 45, 47, 49, 55, 57,  
59, 61, 63, 67, 69

Section 6.9: # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 27, 29, 33, 39, 41, 43