

M379, Advanced Differential Equations. Homework Assignment, Update 2

Feel free to use Maple to obtain plots whenever needed, and to obtain a numerical solution, whenever needed.

However, only use Maple to justify or check your work on other things!

DATE	Homework
Feb 21	No Classes
Feb 23	Catch-up/Review
Feb 25	Exam 1
Feb 28	Sect. 6.1: 1,2,5(b),19*,21*,23*
Mar 1	Sect. 6.2: 1,3,7,8*,12,14,15*,28
Mar 3	Sect. 6.3: 1,3,6*,9,14*,15,16,20*,27
Mar 6	Sect. 6.4: 2, 6, 9*, 16*
Mar 8	Sect. 6.5: 2, 3, 4, 14*, 17
Mar 10	Sect. 6.6: 3, 5, 7, 8, 10*, 14*
SPRING BREAK	
Mar 27	Sect. 7.1: 1, 2*,5*,7,8,12,14*,21*
Mar 29	Sect. 7.2: 1,3,4,9,10,12,22*,23*,26* Sect. 7.3: 1,2,3,6,8,14*,15,18,20,25*,33
Mar 31	Sect. 7.4: 2,6
Apr 3	Sect. 7.5: 1,5,7*,9,14*,16,25*,27,31*
Apr 5	Sect. 7.6: 1,7,9*, 11, 15,16,18*,23*, 28*
Apr 7	Sect. 7.7: 1,3,5*,9,12*,13,17
Apr 10	Sect. 7.8: 4, 6,*, 8*, 10*, 13 Sect. 7.9: 1, 2
Apr 12	Catchup/Review
Apr 14	Exam 2