

Math 142 - Suggested Homework Problems

Textbook: *Applied Calculus*, 5th Edition, by Waner/Costenoble

- Exam 1 Material
 - Section 1.1 – 7, 21, 23, 25, 31-39(odd), 51, 53
 - Section 1.2 – 7-13(odd), 17, 23, 25, 27, 29, 31
 - Section 2.2 – 3, 11, 13, 17, 21, 29, 39, 45, 49, 53, 55, 59, 63, 65, 71, 73, 77-83(odd)
 - Section 2.3 – 3-13(odd), 19-41(odd), 45, 49, 53, 57, 59
 - Section 3.1 – 1, 5, 9, 13, 17-31(odd), 35, 39
 - Section 3.2 – 1, 5-15(odd), 19, 23, 27, 31
 - Section 3.3 – 5-21(odd), 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73-83(odd), 87, 91
 - Section 3.4 – 1, 5, 9, 13, 17-25(odd), 29, 31, 35, 45
 - Section 3.5 – 1, 3, 7, 11-27(odd), 31, 33, 35, 39, 43, 47, 51, 55, 59-71(odd), 77, 81, 83, 89
 - Section 3.6 – 1, 5, 9, 13, 17, 21, 25, 27, 31, 35, 39, 41, 43, 45, 49
 - Section 4.1 – 1, 5, 9, 13, 17, 21, 25, 29, 31, 35, 37, 39, 45-51(odd), 55, 59, 63, 67, 75, 93, 95, 99, 101

- Exam 2 Material
 - Section 4.2 – 1-17(odd), 21, 23
 - Section 4.3 – 3, 7, 11, 15-23(odd), 27, 31, 33, 35, 39, 41, 43, 47, 51, 55, 57, 61, 65, -71(odd), 77
 - Section 4.4 – 1, 5, 9, 13, 17, 21, 25-33(odd), 37, 41, 43, 45, 61, 63, 65
 - Section 4.5 – 3, 7, 13, 17, 27, 29, 33, 37, 39, 43, 47, 55, 61, 65, 67, 69, 75, 77, 79, 85, 93, 95, 103, 111
 - Section 5.1 – 3, 7, 11, 13, 15, 17, 19, 23, 25, 27, 29, 31, 35, 37, 39, 43, 49, 51, 53, 55
 - Section 5.2 – 1, 5, 9, 11, 13, 17, 19, 21, 23, 27, 31, 41, 45
 - Section 5.3 – 1-33(odd), 37, 43, 55, 57, 59
 - Section 5.4 – 1, 5, 9, 13, 17, 21, 25, 35
 - Section 5.6 – 1, 3, 5, 7, 9, 15

- Exam 3 Material
 - Section 6.1 – 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 39, 41, 43, 47, 49, 51, 57, 61
 - Section 6.2 – 1, 5, 9, 11, 15, 19, 23-35(odd), 39, 41, 43, 47, 53, 57, 61, 65, 69, 71, 77, 81, 83, 85
 - Section 6.3 – 1, 5, 9, 13, 17, 19, 23, 27, 29, 31, 33, 39, 41, 45, 51, 53, 57
 - Section 6.4 – 3, 7, 11, 15, 19, 21, 29, 33, 35, 37, 41, 45, 47, 55, 57, 61, 69, 75
 - Section 7.2 – 1, 3, 5, 7, 9, 13, 17, 21, 25, 29, 33, 37, 41, 43, 47
 - Section 7.3 – 1, 3, 5, 7, 35, 37, 39, 41, 43, 47
 - Section 7.4 – 1-23(odd), 37
 - Section 8.1 – 1-17(odd), 25, 41-49(odd), 53, 77, 79, 81, 85, 89
 - Section 8.2 – 1-29(odd), 33, 37, 41-47 (odd)

- New Material for Final
 - Section 8.3 – 1-11(odd), 15, 19, 23, 27, 31, 35, 41, 43, 45