

MAC 2313 Homework Problems, 6th Edition

12.1: 3, 5, 7, 10, 11 - 17 odd, 21 - 35 odd

12.2: 5, 6, 7 - 25 odd

12.3: 1 - 9 odd, 15 - 19 odd, 23 - 43 odd

12.4: 1 - 15 odd, 27 - 33 odd, 37

12.5: 1 - 55 odd, 69

Cylindrical Coordinates 15.7: 1 - 11 odd

Spherical Coordinates 15.8: 1 - 13 odd

13.1: 1 - 23 odd

13.2: 3 - 25 odd, 33 - 39 odd

13.3: 1 - 5 odd, 17 - 23 odd (note in 17 and 19 part a, find only  $\mathbf{T}(t)$ )

14.1: 7 - 19 odd, 30, 39 - 45 odd

14.2: 5 - 21 odd, 25, 29 - 37 odd

14.3: 16 - 67 odd

14.4: 1 - 5 odd, 11 - 15 odd, 25 - 31 odd

14.5: 1 - 33 odd

14.6: 5 - 25 odd, 39 - 43 odd

14.7: 5 - 17 odd, 29 - 35 odd, 39, 41, 43

14.8: 5 - 11, 19

15.1: 1, 3, 5

15.2: 1 - 27 odd

15.3: 1 - 27 odd, 39 - 47 odd

15.4: 1 - 15 odd, 19 - 31 odd

15.7: 1 - 19 odd

15.8: 21 - 29a odd, 39

15.9: 1 - 15 odd

16.1: 1 - 17 odd, 21, 23, 25, 29, 31

16.2: 1 - 21 odd, 39, 41

16.3: 3 - 23 odd, skip 15 and 17

16.4: 1 - 19 odd, skip 15

16.5: 1 - 21 odd

16.6: 9 - 25 odd, 33 - 47 odd

16.7: 5 - 27 odd

16.8: 1 - 11a odd, 13, 15

16.9: 1 - 13 odd