ASSIGNED EXERCISES FROM COLLEY

Note that there is also a file of additional exercises called addexercises.pdf; solutions to these exercises will be posted.

Colley, Chapter 5

Colley , Section 5.1, p.	291 and following:	2, 8, 14
Colley , Section 5.2, p.	307 and following:	4, 8, 12, 24a, 28a
Colley , Section 5.3, p.	311 and following:	2, 6, 12, 14
Colley , Section 5.4, p.	321 and following:	2, 4, 8b, 20
Colley , Section 5.5, p.	341 and following:	4, 6, 10, 16, 24, 28
Colley, Section 5.6, p.	355 and following:	10 (set up only), 14 (same)
Colley , Section 5.7, p.	357 and following:	33

Colley, Chapter 6

Colley, Section 6.1, p.	379 and following:	2, 6, 12, 20
Colley, Section 6.2, p.	389 and following:	4, 8, 14 (set up only)
Colley, Section 6.3, p.	399 and following:	4, 14
Colley, Section 6.4, p.	400 and following:	16
Colley , Section 6.5, p.	401 and following:	36

Colley, Chapter 7

Colley , Section	7.1, p.	417 and following:	2, 4c, 12ab, 22
Colley , Section	7.2, p.	438 and following:	2, 8, 10, 14, 18
Colley , Section	7.3, p.	453 and following:	$2, 8, 14^*, 20$
Colley , Section	7.5, p.	469 and following:	2, 8, 22, 24

Footnote for Exercise 7.3.14. Reduce the problem to finding the corresponding surface integral over the disk D defind by z = 1 and $0 \le x^2 + y^2 \le 1$, and evaluate the surface integral over D.