

Read each section before the lecture. The problems listed are from Rogawski and Adams 3rd edition.

Fri 9/27 and Mon 9/30: Read section 16.1.

16.1 # 2, 3, 4, 5, 6, 8, 9, 10, 15, 16, 17, 19, 20, 21, 24, 25, 26, 29, 30, 32, 39, 40, 41, 42, 45, 46, 48, 50, 51, 52

Wed 10/2: Read section 16.2.

16.2 # 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23

Fri 10/4: Read sections 16.2 and 16.3.

16.2 # 25, 26, 27, 28, 29, 31, 33, 34, 40, 42, 43, 44, 45, 46, 47, 48, 51, 52

16.3 # 1, 2, 3, 4, 6

Mon 10/7 and Wed 10/9: Read section 16.3.

16.3 # 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32

Fri 10/11: Read sections 12.3 and 16.4.

12.3 # 11, 12, 13, 17, 18, 19, 20, 21, 25, 26, 28, 30

16.4 # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 22, 23, 24

Mon 10/14: Read section 16.4.

16.4 # 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, 56, 57

Wed 10/16: Read section 16.5.

16.5 # 1, 2, 3, 6, 8, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28

Fri 10/18: Read section 16.6.

16.6 # 1, 2, 3, 4, 5, 13, 14, 15, 16, 17, 18, 19, 20

Mon 10/21: Read section 16.6.

16.6 # 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35

Wed 10/23: Read section 17.1.

17.1 # 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

Fri 10/25: Exam 1.

No HW

Mon 10/28: Class cancelled by university.

No HW

Wed 10/30: Read section 17.1.

17.1 # 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 35, 38, 39, 40, 41, 42, 43, 45, 47, 50, 51

Fri 11/1: Read section 17.2.

17.2 # 1, 2, 5, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

Video lecture (posted on CCLE Miscellaneous): Read section 17.2.

17.2 # 3, 4, 7, 8, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 35, 36, 37, 38, 41, 42, 44, 52, 53, 54

Mon 11/4: Read sections 17.2 and 17.3.

17.2 # 64, 65, 67

17.3 # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

Wed 11/6: Read sections 17.3 and 17.4.

17.3 # 19, 20, 21, 22, 23, 24, 29, 30

17.4 # 1, 2

Fri 11/8: Read section 17.4.

17.4 # 3 a, b, 4 a, 5 a, 7, 8, 9, 10, 30, 31, 34, 36, 37

Mon 11/11: No class.

No HW

Wed 11/13: Read section 17.4.

17.4 # 3, 4, 5, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 38, 39, 40

Fri 11/15: Read section 17.5.

17.5 # 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 24

Mon 11/18: Read section 18.1.

18.1 # 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 32, 33, 34, 35, 36, 37, 38, 39, 42

Wed 11/20: Read section 18.2.

18.2 # 1, 2, 3, 4

Fri 11/22: Exam 2.

No HW

Mon 11/25: Read section 18.2.

18.2 # 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 22, 23, 24, 25

Wed 11/27: Read section 16.3.

16.3 # 43, 44

Fri 11/29: No class.

No HW

Mon 12/2: Read section 18.3.

18.3 # 1, 2, 3, 4

Wed 12/4: Read section 18.3.

18.3 # 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 [Note: there is an error in problem 18.3 #10, the region is unbounded. Change it to the region bounded by  $y = 4 - x^2 - z^2$  and  $y = 0$ .]

Fri 12/6: Read section 18.3.

18.3 # 20, 21, 22, 23, 24, 25, 26, 27