

COMPLEX ANALYSIS SUGGESTED PROBLEMS
(LAST UPDATED April 14, 2020)

- Quiz 1 (Jan 15)
 - Section 2 (pp.4-5): 1, 2, 5, 6, 11
 - Section 5 (pp.13-14): 2, 3, 4, 5
 - Section 6 (pp.16-17): 2, 3, 7, 10, 14
 - Section 9 (pp.23-25): 1, 2, 5, 6, 9, 10
- Quiz 2 (Jan 22)
 - Section 11 (pp.30-32): 3, 4, 6, 7, 8
 - Section 12 (pp.34-35): 1 (only sketch the set)
 - Section 14 (pp.43-44): 1, 2, 3, 4, 7, 8
- Quiz 3 (Jan 29)
 - Section 18 (pp.54-55): 1, 5, 7, 10
 - Section 20 (pp.61-62): 1, 2, 8, 9
- Quiz 4 (Feb 5)
 - Section 24 (pp.70-72): 1, 2, 3, 4, 5, 6
 - Section 26 (pp.76-77): 1, 2, 4, 5, 6, 7
 - Section 30 (pp.89-90): 1, 2, 3, 5, 6, 7, 8, 13
- Midterm 1 (Feb 12)
 - Section 33 (pp.95-97): 1, 2, 3, 4, 10, 11
 - Section 34 (pp.99-100): 1, 2, 3, 5
 - Section 36 (p. 103): 1, 2, 3, 5, 6, 7, 8, 9
 - Section 38 (pp. 107-109): 1, 2, 3, 7, 15, 16
- Quiz 5 (Feb 26)
 - Section 42 (pp.119-120): 1, 2
 - Section 43 (pp.123-124): 5
 - Section 46 (pp.132-134): 1, 2, 3, 4, 6
 - Section 47 (pp.138-140): 1, 2, 3, 4, 5
 - Section 49 (p.147): 2, 5
- Quiz 6 (Mar 11)
 - Section 53 (pp.159-162): 1, 2, 4
 - Section 57 (pp.170-172): 1, 2, 3, 4, 6
 - Section 59 (pp.177-178): 1, 2, 3
- Quiz 7 (Mar 18)
 - Section 66 (pp.195-197): 2, 3, 11
 - Section 68 (pp.205-208): 1, 2, 3, 4, 5, 6
 - Section 72 (pp. 218-221): 1-9
- Quiz 8 (Mar 25)
 - Section 72 (pp. 218-221): 1-9
 - Section 73 (pp. 224-226): 1-5
- Quiz 9 (Apr 1)
 - Section 77 (pp.237-238): 1-7

- Section 79 (p.242): 1, 2, 3
- Section 81 (pp.246-247): 1, 2(b), 3, 4, 5, 6
- Final
 - Section 86 (pp.264-265): 2, 3, 5, 6, 9
 - Section 88 (p.273): 2, 3, 4
 - Section 92 (p.287): 1, 2, 3
 - Section 94 (p.293-294): 1, 2, 5, 6, 7, 8, 9