

MATH 219 Suggested Problems

Based on the textbook, *Elementary Differential Equations and Boundary Value Problems*, Boyce and DiPrima, 9th ed., 2010. List will be updated as time progresses.

Week 1:	1	§1.1: 4, 10, 15-20 §1.3: 3, 4, 11, 18, 26 §2.2: 4, 6, 17, 23, 32, 36
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	4	§2.4: 1, 3, 5, 6, 8, 10, 12, 14, 16, 23, 27, 30
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	6	§7.1: 19, 23 §7.2: 1, 2, 9, 11, 16, 21, 24, 25
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	10	§7.6: 2a, 6a, 9, 14, 26
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	14	§4.2: 14, 16, 17, 20, 22, 31, 32, 36, 37
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	16	§4.4:3, 4, 5, 8, 11, 16
Week 9:	17	§3.7: 3, 7, 12, 18, 26, 27 §3.8: 4, 6, 10, 11, 15, 17
	18	§5.1: 4, 7, 13, 16, 21, 26 §5.2: 1, 4, 8, 12, 20, 21 §5.3: 2, 7, 10, 12, 22, 23
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	20	§5.5: 4, 10, 11, 12, 13
Week 11:	21	§6.1: 1, 2, 10, 17, 23, 26, 27
	22	§6.2: 1, 4, 7, 9, 12, 16, 17 §6.3: 1, 3, 8, 10, 14, 20, 23, 38
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Week 13:	25	§10.1: 1, 2, 5, 6, 11, 13, 14, 15, 16, 20
Week 14:	26	§10.2: 1, 2, 4, 8, 9, 10, 17, 18, 21, 22, 27, 28 §10.3: 1, 3, 5, 6
	27	§10.4: 7, 8, 11, 12, 17, 18, 19, 24, 26 §10.5: 1, 3, 4, 5, 7, 8, 11, 14, 18, 21, 22