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The problem sets make up 15% of the course grade. Problems are assigned from the required text: (Buy at Amazon) Strang, Gilbert. _Introduction to Linear Algebra_. 4th ed. Wellesley, MA: Wellesley-Cambridge Press, February 2009. ISBN: 9780980232714.

ASSN #	ASSIGNMENTS	SOLUTIONS
Problem set 1	Do problems: 23 and 28 from section 1.2 4 and 13 from section 1.3 29 and 30 from section 2.1 20 and 32 from section 2.2 22 and 29 from section 2.3 32 and 36 from section 2.4 7 from section 2.5	(PDF)
Problem set 2	Do problems: 24 and 40 from section 2.5 13, 18, 25, and 26 from section 2.6 13, 36, and 40 from section 2.7 18, 23, 30, and 32 from section 3.1	(PDF)
Problem set 3	Do problems: 18, 24, 36, and 37 from section 3.2 19, 25, 27, and 28 from section 3.3. Problem 17 is optional but recommended 13, 25, 28, 35 (MATLAB recommended) and 36 from section 3.4	(PDF)
Problem set 4	Do problems: 2, 20, 37, 41, and 44 from section 3.5 11, 24, 28 (with challenge subpart), 30, and 31 from section 3.6	(PDF)
Problem set 5	7, 9, 31 (verify this with MATLAB on a 6 by 12 matrix), 32, and 33 from section 4.1 13, 16, 17, 30, 31, and 34 from section 4.2 13 (MATLAB allowed) and 17 from section 8.2	(PDF)
Problem set 6	Do problems: 4, 7, 9, 26 and 29 from section 4.3 10, 18, 35, and 36 from section 4.4 10, 18, 31, and 32 from section 5.1 (the last two will be treated as challenge problems)	(PDF)

ASSN #	ASSIGNMENTS	SOLUTIONS
Problem set 7	Do problems: 16, 32, and 33 from section 5.2 8, 28, 40, and 41 from section 5.3 19 and 29 from section 6.1 6, 16, and 37 from section 6.2 Challenge problem in MATLAB	(PDF)
Problem set 8	Do problems: 14, 24, 28, 29, and 30 from section 6.3 7, 10, 23, 28, and 30 from section 6.4 9, 12, and 16 (counts as a challenge problem, MATLAB allowed) from section 8.3	(PDF)
Problem set 9	Do problems: 25, 26, 27, 29, 32, 33, 34, and 35 from section 6.5 3, 5, 7, 10, and 11 from section 8.1 (last two count as challenge problems)	(PDF)
Problem set 10	Do problems: 12, 14, 20, 22, 23, and 24 from section 6.6. 4, 11, and 17 from section 6.7. 4, 5, 12, and 13 from section 8.5 (last two count as challenge problems)	(PDF)

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