

MA 511

Linear Algebra and its applications by Gilbert Strang 4th Edition

Fall 2020: Homework Assignment

We will cover 3 lessons a week.

Lesson / Section	Homework Assignment
1. Section 1.2	: 4 ;
Section 1.3	: 2, 4
2. Section 1.4	: 2, 4, 22
3. Section 1.5	: 4, 16
4. Section 1.6	: 6, 14
5. Section 2.1	: 2, 4
6. Section 2.2	: 4, 6
7. Section 2.3	: 2, 8
8. Section 2.3	: 14, 16
9. Section 2.4	: 4, 8, 10
10. Appendix A	: 2
11. Section 2.5	: 2, 4
(Kirchhoff's Laws)	
12. Section 2.6	: 2, 8, 10, 20
13. Section 3.1	: 2, 6, 12
14. Section 3.2	: 4, 6, 12
15. Section 3.3	: 4, 24
16. Section 3.4	: 6, 10, 14
(Euclidean space)	
17. Section 3.4	: 22, 24
(Function spaces)	

- 18. Section 3.5 : 2, 6
- 19. Section 3.5 : 8, 10, 12
- 20. Section 3.6 : 2, 10, 12
- 21. Review for the Midterm1
- 22. Review for the Midterm1
- 23. Midterm 1
- 24. Section 4.2 : 2, 4, 6
- 25. Section 4.3 : 2, 4, 8
- 26. Section 4.4 : 4, 6
- 27. Section 5.1 : 4, 6, 10 a) b), 12
- 28. Section 5.2 : 2, 6
- 29. Section 5.4 : 2, 6,
- 30. Section 5.4 : 8, 10, 14
- 31. Section 5.5 : 2, 6, 20
- 32. Section 5.6 : 2, 14, 22
- 33. Appendix B : 2, 4
- 34. Section 6.1 : 4, 6
- 35. Section 6.2 : 2, 10
- 36. Section 6.3 : 2, 8, 10
- 37. Section 7.2 : 2, 6
- 38. Section 7.3 : 2, 6
- 39. Review for the Final
- 40. Review for the Final