

**MATH 313: LINEAR ALGEBRA
HOMEWORK, FALL 2018**

DR. ABDUL-RAHMAN

Homework 1: Due Friday 08-24-2018.

- **Sect. 1.1:** 1, 3, 5, 9, 11, 13, 15, 29, 31.

Homework 2: Due Friday 08-31-2018.

- **Sect. 1.2:** 1, 3, 5, 9, 11, 15, 17, 21, 23, 25.
- **Sect. 1.3:** 1, 5, 7, 9, 11, 13, 15, 21, 29.

Homework 3: Due Friday 09-07-2018.

- **Sect. 1.4:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 26, 39.

Homework 4: Due Friday 09-14-2018.

- **Sect. 1.5:** 1, 3, 7, 11, 13, 15, 17, 19, 21, 23, 27, 33.
- **Sect. 1.7:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 27, 29, 33, 37.

Homework 5: Due Friday 09-21-2018.

- **Sect. 1.8:** 1, 3, 7, 11, 15, 21, 27, 31, 33.

Homework 6: Due Friday 09-28-2018.

- **Sect. 1.9:** 1, 3, 5, 7, 13, 15, 19, 21, 25, 27, 33, 35.
- **Sect. 2.1:** 1, 3, 5, 7, 11, 13, 15, 25, 29.

Homework 7: Due Friday 10-05-2018.

- **Sect. 2.2:** 1, 3, 7, 13, 15, 19, 29, 31, 35.
- **Sect. 2.3:** 3, 5, 7, 11, 13, 19, 21, 23, 33.

Homework 8: Due Friday 10-12-2018.

- **Sect. 3.1:** 1, 3, 9, 13, 15, 19, 21, 23, 33, 34, 35, 37.
- **Sect. 3.2:** 5, 7, 11, 13, 15, 17, 19, 21, 25, 27, 33, 39.

Homework 9: Due Friday 10-26-2018.

- **Sect. 4.1:** 1, 3, 5, 7, 11, 13, 15, 17, 21.
- **Sect. 4.2:** 1, 3, 5, 7, 9, 11, 15, 17, 23, 31, 33.

Homework 10: Due Friday 11-02-2018.

- **Sect. 4.3:** 1, 3, 5, 7, 9, 13, 15, 19, 21, 23, 24.
- **Sect. 4.4:** 1, 3, 5, 7, 9, 11, 13, 17, 27.

Homework 11: Due Friday 11-09-2018

- **Sect. 4.5:** 1, 5, 11, 13, 15, 19, 21, 29.
- **Sect. 5.1:** 1, 3, 5, 7, 9, 11, 15, 17, 19, 21, 23, 25, 27.

Homework 12: Due Friday 11-16-2018

- **Sect. 5.2:** 1, 3, 9, 11, 15, 17, 19, 21
- **Sect. 5.3:** 1, 3, 5, 11, 13, 17, 21, 23, 25, 27.

Homework 13: Due Friday 11-30-2018

- **Sect. 5.5:** 1,3,4.
- **Chapter 5 (overall):** Solve the [Worksheet](#) of Chapter 5.

Homework 14: Due Wednesday 12-05-2018

- **Sect. 6.1:** 1, 3, 5, 7, 9, 13, 15, 17, 19, 25, 27, 29, 31.
- **Sect. 6.2:** 1, 3, 5, 9, 13, 15, 21, 27, 29.
- **Sect. 6.3:** 1, 3, 5, 7, 11, 13, 15, 17, 21.

Homework 15: Don't submit it :)

- **Sect. 6.4:** 1, 3, 5, 7, 9, 11, 17.
- **Sect. 6.5:** 1, 3, 5, 7, 9, 11, 17.