MAT 118 Homework assignments.

The exercises (unless stated otherwise) are from the course book "Excursions in modern mathematics", 8th edition, by Peter Tannenbaum. They can be found at the end of the corresponding chapter. Only 2-3 problems from each assignment will be graded, but you don’t know which and are expected to do all of them. It is recommended that you read the corresponding chapters before doing the problems. Recommended problems are not for grading, but for practicing purposes.

HW1 (due on Friday, February 5):
Chapter 1, problems 1, 4, 14, 24, 28.
Recommended problems: 7, 10, 17, 27.

HW2 (due on Friday, February 12):
Chapter 1, problems 34, 37, 44, 49, 53.
Recommended problems: 35, 39, 41, 47.

HW3 (due on Friday, February 19):
Chapter 2, problems 2, 4, 6, 12, 14, 19 (a) and (d).
Recommended problems: 7, 9, 15, 17, 20 (a) and (c).

HW4 (due on Friday, March 4):
Chapter 3, problems 39, 41, 44, 48.
Recommended problems: 38, 43, 45.

HW5 (due on Friday, March 11):
Chapter 3, problems 52, 55. Chapter 5, problems 1, 8, 10.
Recommended problems from Chapter 3: 57; Chapter 5: 2, 9, 11.

HW6 (due on Friday, March 25):
Chapter 5, problems 14, 19, 32, 35, 43, 47.
Recommended problems: 22, 25, 27, 30, 54.

HW7 (due on Friday, April 1):
Chapter 6, problems 4, 13, 28, 31, 39.
Recommended problems: 7, 19, 30, 33, 38.

HW8 (due on Friday, April 15):
Chapter 9, problems 9, 11, 20, 26, 34.
Recommended problems: 3, 6, 13, 35.

HW9 (due on Friday, April 22):
Chapter 9, problems 37, 41, 50, 55, 61.

HW10 (due on Friday, April 29):
Chapter 10, problems 2, 13, 22, 26, 33, 38.
Recommended problems: 6, 18, 23, 31, 36.

HW11 (due on Friday, May 6):
Chapter 10, problems 47, 51, 54. Chapter 13, problems 3, 8, 17.
Recommended problems from Chapter 10: 40, 52, 55; Chapter 13: 2, 13, 15.