Norwegian University of Science
and Technology
Department of Mathematical
Sciences

Compulsory exercises

Hand in your solutions to these exercises. All answers must be justified.

Chapter 4.8 - Row, Column, and Null space

Exercise 1 Do exercise 9b in chapter 4.8 of Elementary Linear Algebra.

Exercise 2 Do exercise 11b in chapter 4.8 of Elementary Linear Algebra.

Exercise 3 Do exercise 21 in chapter 4.8 of Elementary Linear Algebra.

Chapter 4.9 - Rank–Nullity

Exercise 4 Do exercise 9 in chapter 4.9 of Elementary Linear Algebra.

Exercise 5 Do exercise 31 in chapter 4.9 of Elementary Linear Algebra.

Exercise 6 Do exercise 34 in chapter 4.9 of Elementary Linear Algebra.