# BSDS ASSIGNMENT 12

You can submit ANSWERS TO ANY TEN OF THE FOLLOWING QUESTIONS. Please try all of the above questions for yourself. You may also want to look at all the questions in the relevant sections of the book (that is, the sections from where the following questions are taken and which are not listed here). Many of them are very interesting.

Submit by Wednesday 23rd April, 2025

Olver and Shakiban, Applied Linear Algebra (second edition)

The pages given below are as printed in the book

Chapter 3

pages 132-133 Exercises 3.1.1, 3.1.3, 3.1.14, 3.1.17

pages 135-136 Exercises 3.1.24, 3.1.26,

pages 139-140 Exercises 3.2.3, 3.2.5, 3.2.8, 3.2.9

page 141 Exercise 3.2.19

page 144 Exercises 3.2.39, 3.2.40

page 147 Exercises 3.3.1, 3.3.9, 3.3.13, 3.3.14

pages 149,150 Exercises 3.3.22, 3.3.27

page 152 Exercises 3.3.32, 3.3.33, 3.3.35, 3.3.38

pages 155-156 Exercises 3.3.45, 3.3.46, 3.3.47, 3.3.50

pages 159-160 Exercises 3.4.1, 3.4.2, 3.4.7, 3.4.11, 3.4.14, 3.4.17,