ALI Syllabus

Richard Brooks

All of the below make up the syllabus in ALI, i.e. all of the below is regarded as exam material.

Lay: Lay, D.C. Linear Algebra and its applications, 4th edition. All references are to chapters or exercises (found in the end of the book).

Course material: https://github.com/RBrooksDK/ALI1

Literature

Lay: 1 (except 1.6, 1.8, 1.9), 2(except 2.8 + 2.9), 3.1+3.2, 4.1-4.6, 5.1-5.3 + 5.7, 6.1-6.6, 7.1+7.4+7.5

Exercises

All exercises stated in GitHub from Lay.

All exercises stated in GitHub from previous exams: Prvious Exam Cases (Before WF).zip.

All exercises from Wiseflow from previous exams: A2020, A2020 re-exam, A2021, A2021 re-exam, A2022, A2022 re-exam

All exercises from Wiseflow: ALI Exam Cases 1 and ALI Exam Cases 2.

PowerPoint

All of the below is uploaded to GitHub:

1.-10. Slides

Lecture Notes

All of the below is uploaded to GitHub:

02-09. Notes from class - [topic]

02-10. Notes from class - recap

Lectures

All lectures in the course IT-ALI1-A22 held by Richard Brooks at VIA University College, Horsens starting August 8, 2022 and ending August 22, 2022.