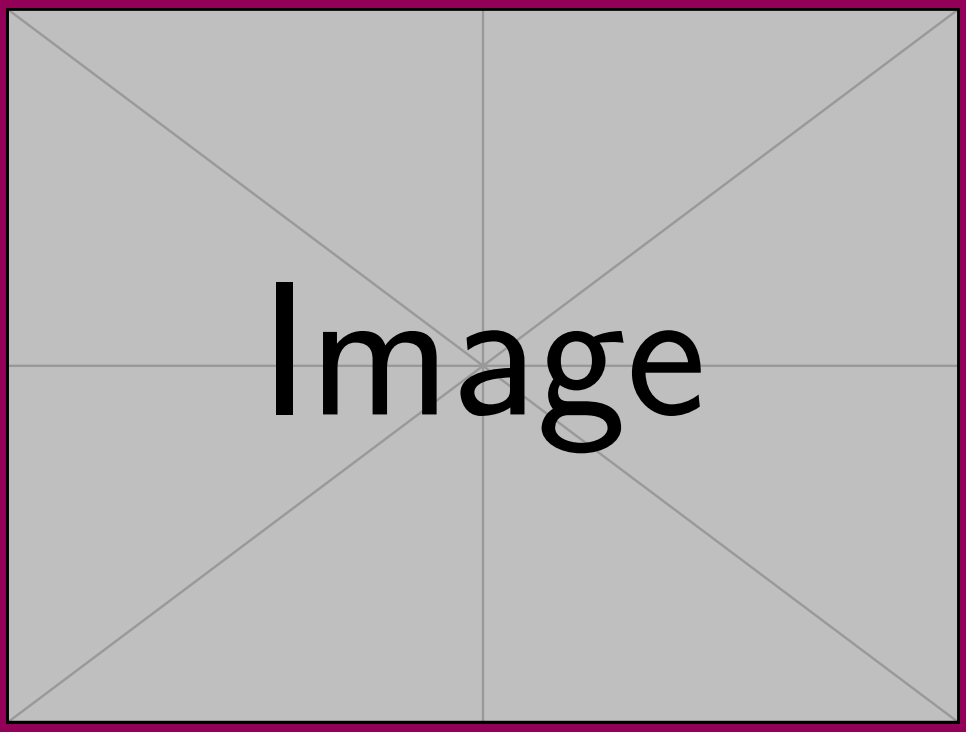
Lecture notes on X

Written by
Manuel Hinz
mh@mssh.dev or s6mlhinz@uni-bonn.de

Lecturer
Y
Z



University of Bonn
Summer semester 2024
Last update: April 8, 2024

Contents

Chapter 0:
Manuel's notes

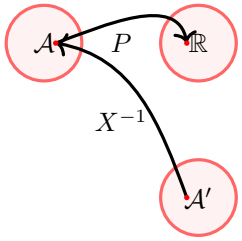
Warning

These are unofficial lecture notes written by a student. They are messy, will almost surely contain errors, typos and misunderstandings and may not be kept up to date! I do however try my best and use these notes to prepare for my exams. Feel free to email me any corrections to mh@mssh.dev or s6mlhinz@uni-bonn.de.
Happy learning!

General Information

- Ecampus:
- Basis:
- Website:
- Time slot(s):
- Exams:
- Deadlines:

Chapter 1: Figures



Chapter 2:
Problems and solutions

Problem 9.2

What is a measurable map?

Solution 9.2

Proof. This is a proof. □

Chapter 3:
Test

Some text.

Theorem 3.1. *There are infinitely many primes.*

Definition 3.2. *This is a definition.*

Not a very useful definition ... but a very useful marginnote!

Remark. *This is a remark.*

TEST

Algorithm 3.3

Input: $A \in \mathbb{R}^{m \times n}, m \geq n$
Output: R von der QR-Zerlegung (A wird zerstört "in place")

for $j = 1, \ldots, n$ **do**
  for $i = m, m-1, \ldots, j+1$ **do**
    Berechne c, s

$$A[i-1:i, j:n] = \begin{bmatrix} c & s \\ -s & c \end{bmatrix}^t A[i-1:i, j:n]$$

  end for
end for

Test[1]

3.1 Test

[1] Test