**Course information** 

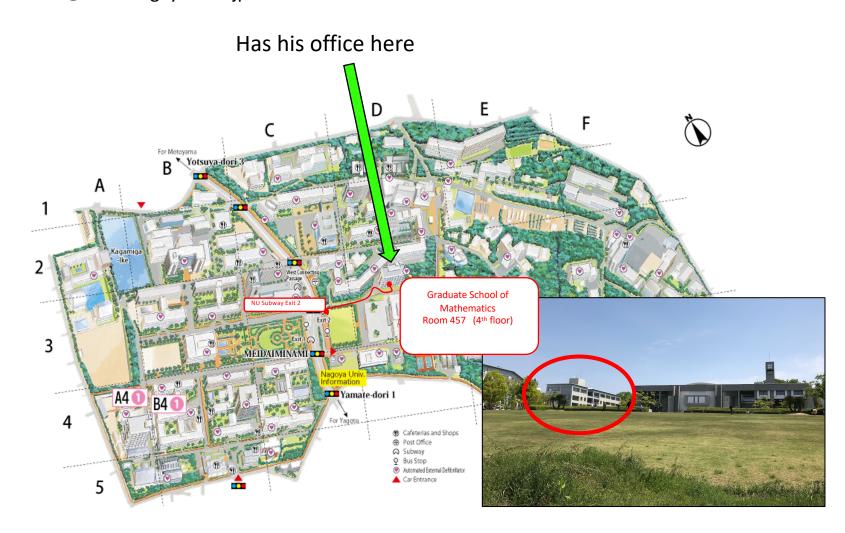
# Linear Algebra II Spring Semester 2024 G30 Program, Nagoya University

# Who is teaching?

## Henrik Bachmann

www.henrikbachmann.com

henrik.bachmann@math.nagoya-u.ac.jp



# What where ?

All materials can be found here: https://www.henrikbachmann.com/la2\_2024.html



[G30]Linear Algebra II(2024,Spring/Mon3)



Make sure to be part of the TACT group

Be aware of TACT announcements

## Henrik Bachmann

Home Publications

Talkslides & Posters

Activities

CV

Teaching Students

qMZV Calculator

#### Linear Algebra II & Tutorial 2b

(G30 Program, Nagoya University, Spring 2024)

We will meet for the first time in the Tutorial on April 11th at 13:00 in Room A407 (Science Building A).

#### Materials

- · Lecture notes: Linear Algebra I
- Course overview (coming soon)
- Homework: coming soon
- Handwritten Lecture notes: coming soon

#### Videos from Spring 2020

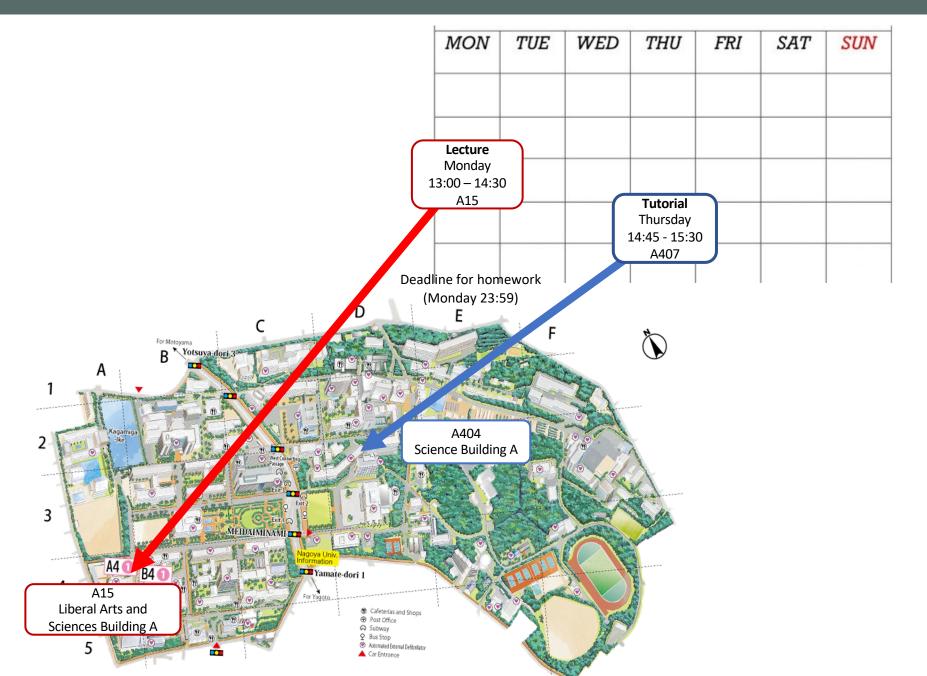
• Lecture 1-1, Lecture 1-2, Lecture 2, Lecture 3, Lecture 4, Lecture 5, Lecture 6, Lecture 7, Lecture 8, Lecture 9, Lecture 10, Lecture 11, Lecture 12, Lecture 13, Lecture 14

#### Place & Time

The first meeting will be in the Tutorial on the 11th April 2024.

- Lecture: Monday 3rd Period (13:00 14:30) @ Room A15 (ILAS Building A)
- Tutorial: Thursday 4th Period (14:45 15:30) @ Room A407 (Science Building A)

# When do we meet where?



## **Grading & Exams**

Your grade for the course "Linear Algebra II" and "Mathematics Tutorial 2b" will be the same. This grade will be calculated as follows:

Homework: 30% Roughly every second week 2-3 Exercises

Midterm exam: 30% 3rd June 2024, 13:00

Final exam: 40% 5<sup>th</sup> August 2024, 13:00

The grading scale will be A+, A, B, C, C-, F.

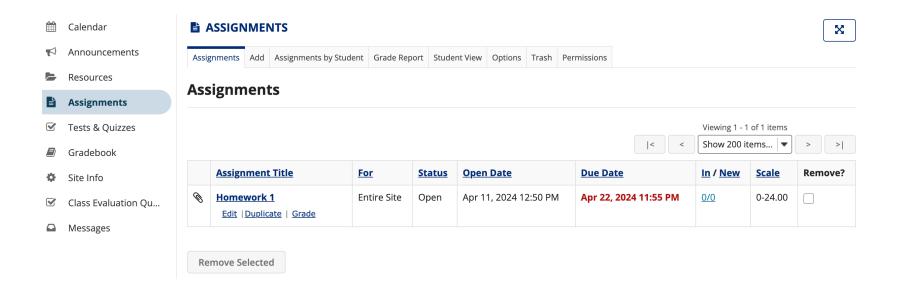
If you just want credits for "Linear Algebra II" or just "Math. Tutorial 2b", please contact me.



TAs for you. Please let me know if you are interested!

# **Homework (TACT)**

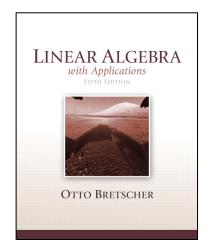
- Write the homework solutions down by hand (paper, tablet) or by computer (latex)
- Create <u>one</u> pdf file which contains your solution. For this you can, for example, use a scanner app on your phone.
- Use the following format as a filename: "Familyname\_Givenname\_LA2\_HWX.pdf",
  where X = Homework number.
- Please make sure that the solutions are readable.
- Submit the Homework in TACT.



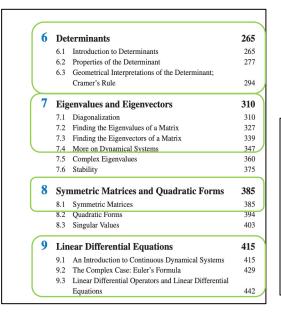
## References

We will provide lecture notes as in Linear Algebra I. Each week we add a chapter.

There are tons of sources out there for Linear Algebra 1 & 2. This course is based on the book "Linear Algebra with Applications" by Otto Bretscher.



## Linear Algebra II



## Linear Algebra I



### YouTube:

- 3Blue1Brown Series on Linear Algebra <a href="https://youtu.be/fNk\_zzaMoSs">https://youtu.be/fNk\_zzaMoSs</a>
- Khan Academy <a href="https://youtu.be/xyAuNHPsq-g">https://youtu.be/xyAuNHPsq-g</a>
- My YouTube channel <a href="https://youtu.be/r23hH2Spb3Y">https://youtu.be/r23hH2Spb3Y</a>