April 11, 2025
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Info. Sheet 1; Advanced Topics in Geometry A1 (MTH.B405)

Course Syllabus

Important Pointers:

- `http://www.official.kotaroy.com/class/2025/geom-a1`
- `https://lms.s.isct.ac.jp/` (Science Tokyo LMS)

Lecture: Fridays 13:30–15:10, Lecture hall M-B43

Lecturer: Kotaro Yamada (Dept. Math.); kotaro@math.sci.isct.ac.jp

Course Description: The fundamental theorem of surface theory and its applications will be introduced.

Student learning outcomes: Students will learn the fundamental theorem of surface theory and its peripheral matters.

Textbooks: No textbook is set. Lecture note will be uploaded on Science Tokyo LMS within the previous day of each class.

Grading Policy:

- Graded by weekly homeworks.

- Each homework consists of (1) a problem on the topics in the lecture (up to 2 points), and (2) to present a question on the contents of the lecture, or to point out error(s) in the lecture note/the lecture (up to 3 points).

- Each homework should be submitted to Science Tokyo LMS by 10:00 on the following Tuesday of the lecture, as an pdf file in the format of the **homework sheet** (which can be downloaded from the folder "Homework Sheet" on Science Tokyo LMS). **Japanese is acceptable**.

- Questions, requests and comments (and the answers, lecturer's comments) will be disclosed on the following class.