Advanced Topics in Geometry E1 (MTH.B505)

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http://www.math.titech.ac.jp/~kotaro/class/2023/geom-e1/

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Important links:

- http://www.math.titech.ac.jp/~kotaro/class/2023/geom-e1 (official web)
- http://www.official.kotaroy.com/class/2023/geom-e1 (a mirror)
- https://t2schola.titech.ac.jp/ (T2SCHOLA)

Lecture:

- ► Schedule: Tuesdays 10:45–12:25
- ► Venue: Main Building, M-B107
- ► Lecturer: Kotaro Yamada (Dept. Math.);
  kotaro@math.titech.ac.jp;
  Office: Room 220 the 2nd floor of the main building

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Course Description

As an informal introduction to Riemannian manifold, geometry of submanifolds in (pseudo) Euclidean spaces is introduced.

Granding 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 T2SCHOLA by 10:00 on the following Thursday of the lecture, as an pdf file in the format of the homework sheet (which can be downloaded from the folder "Homework Sheet" on T2SCHOLA). Japanese is acceptable.
- ▶ Questions, requests and comments (and the answers, lecturer's comments) will be published on the following class.