April 05, 2022 Kotaro Yamada kotaro@math.titech.ac.jp

## Class Schedule (2022, 1Q): Advanced Topics in Geometry E (幾何学特論 E) MTH.B501

Date	Contents
April 19.	1. Linear Ordinary Differential Equations
April 26.	2. Integrability conditions
May 10.	3. Review of surface theory
May 17.	4. Gauss and COdazzi equations
May 24.	5. Fundamental theorem for surface theory
May 31.	6. Asymptotic Chebyshev net and the sine-Gordon equation
June 07.	7. Bäcklund transformations

- This schedule is as of April 6, 2022, and will be subject to be modified.
- The class of April 12 will be canceled.