

Schedule of Lecture on Theory of Ship Waves (Wave-Body Interaction Theory)

Spring-Summer Semester in 2021
Wednesday 14:40 – 16:10 (Fourth period)

No.	Date	Contents
1	April 14	Guidance, Introduction, Section 1.1
2	April 21	Short exam on fundamental mathematical expressions (Online) Section 1.2 & 1.3
3	April 28	Section 1.3 (continued) & 1.4
4	May 12	Section 1.5 & 1.6
5	May 19	Section 2.1
6	May 26	Section 2.1 (continued)
7	June 02	Section 2.2 & 2.3
8	June 09	Section 3.1 & 3.2
9	June 16	Section 3.3 & 3.4
10	June 23	Section 3.5
11	June 30	Section 3.5 (continued) & 3.6
12	July 07	Section 4.1 & 4.2
13	July 14	Section 4.3 & Comments on Other Sections
14	July 21	Chapter 6 (Numerical computation method)
15	July 28	<i>Examination (Themes will be specified)</i>

Materials to be used for the lecture:

- 1) Hand-made lecture notes *Wave-Body Interaction Theory*
Download from: <http://www.naoe.eng.osaka-u.ac.jp/naoe/naoe1/lectures.html>
- 2) Other supplementary materials, depending on the situation

Notes:

- 1) Due to the continued spread of corona-virus, lectures this year will be given online and probably without any cancellation.
- 2) Before attending each lecture, unfamiliar words must be checked with your dictionary and written in your note with the meaning, position of accent, pronunciation and so on for your learning by heart; a copy of which should be submitted at each lecture as a proof of your preparation. You are also advised to confirm beforehand derivation of the equations in the lecture note.
- 3) A quiz (short exam) for checking your understanding of not only hydrodynamic contents but also English words used in the lecture note will be prepared and requested to work on before attending the lecture. Your answer to the assigned quiz should be submitted through CLE.
- 4) Some reports will be assigned and requested to be submitted during the semester (to be written in English); these will be evaluated for approving the credit.

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