

Schedule of Nuclear Reactor Theory I 2019 (2019年度原子炉理論第一講義スケジュール)

	Date	Contents	Exercise	Deadline of homework report submission by OCW-i
1	April 8 (Mon)	Nuclear Reactions and Nuclear Cross Sections (原子核反応と核反応断面積)	Homework P1	9 a.m., April 12 (Fri)
2	April 15 (Mon)	The Multiplication factor and Nuclear Criticality (増倍率と臨界性)	Exercise for P1, Homework P2	9 a.m., April 19 (Fri)
3	April 22 (Mon)	Neutron Transport Equation (中性子輸送方程式)	Exercise for P2, Homework P3	9 a.m., April 26 (Fri)
	May 9 (Thur)*	(Cancel) (授業なし)		
4	May 13 (Mon)	The One-Speed Neutron Diffusion Equation (1群拡散理論)	Exercise for P3, Homework P4	9 a.m., May 17 (Fri)
5	May 20 (Mon)	One-Speed Diffusion Theory of a Nuclear Reactor (1) Slab reactor (原子炉の1群拡散理論(1) 平板原子炉)	Exercise for P4, Homework P5	9 a.m., May 14 (Fri)
6	May 27 (Mon)	One-Speed Diffusion Theory of a Nuclear Reactor (2) Reactor with general geometries (原子炉の1群拡散理論(2) 一般の原子炉)	Exercise for P5, Homework P6	9 a.m., May 31 (Fri)
7	June 3 (Mon)	Multigroup Diffusion Theory (多群拡散理論)	Exercise for P6	---
8	June 10 (Mon)	Review of Lectures (講義の復習)	Examination (期末試験)	---

Lecture: 13:20-14:50 Exercise: 15:05-16:35 (Room 571, N2-bldg)

Problems of homework are provided by OCW-i. The students need to submit the reports of homework by OCW-i by the deadline.

(レポート課題はOCW-iで提示される。レポートはOCW-iによって期限まで提出すること。)

*) The date for Monday classes (月曜の授業を行う日)