

Schedule of Neutron Transport Theory 2017 (2017年度中性子輸送理論講義スケジュール)

	Date	Contents	Exercise	Deadline of homework report submission
1	April 5 (Wed)	Nuclear Reactions and Nuclear Cross Sections (原子核反応と核反応断面積)	Homework P1	9 a.m., April 10 (Mon)
2	April 12 (Wed)	The Multiplication factor and Nuclear Criticality (増倍率と臨界性)	Exercise for P1, Homework P2	9 a.m., April 17 (Mon)
3	April 19 (Wed)	Neutron Transport Equation (中性子輸送方程式)	Exercise for P2, Homework P3	9 a.m., April 24 (Mon)
---	April 26 (Wed)	(Cancel) (休講)	---	---
4	May 10 (Wed)	The One-Speed Neutron Diffusion Equation (1群拡散理論)	Exercise for P3, Homework P4	9 a.m., May 15 (Mon)
5	May 17 (Wed)	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 22 (Mon)
6	May 24 (Wed)	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 29 (Mon)
7	May 31 (Wed)	Multigroup Diffusion Theory (多群拡散理論)	Exercise for P6	---
8	June 7 (Wed)	Review of Lectures (講義の復習)	Examination (期末試験)	---

Lecture: 9:00-10:30 Exercise: 10:45-12:15 (Room 571, N2-bldg)