

Schedule of Neutron Transport Theory 2018 (2018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 9 (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 13 (Fri)
2	April 16 (Mon)	The Multiplication factor and Nuclear Criticality (増倍率と臨界性)	Exercise for P1, Homework P2	9 a.m., April 20 (Fri)
3	April 23 (Mon)	Neutron Transport Equation (中性子輸送方程式)	Exercise for P2, Homework P3	9 a.m., April 27 (Fri)
4	May 7 (Mon)	The One-Speed Neutron Diffusion Equation (1群拡散理論)	Exercise for P3, Homework P4	9 a.m., May 11 (Fri)
5	May 14 (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 18 (Fri)
6	May 21 (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 25 (Fri)
7	May 28 (Mon)	Multigroup Diffusion Theory (多群拡散理論)	Exercise for P6	---
8	June 4 (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)