

Schedule of Neutron Transport Theory 2016 (2016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 6 (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 11 (Mon)
2	April 13 (Wed)	The Multiplication factor and Nuclear Criticality (増倍率と臨界性)	Exercise for P1, Homework P2	9 a.m., April 18 (Mon)
3	April 20 (Wed)	Neutron Transport Equation (中性子輸送方程式)	Exercise for P2, Homework P3	9 a.m., April 25 (Mon)
4	April 27 (Wed)	The One-Speed Neutron Diffusion Equation (1群拡散理論)	Exercise for P3, Homework P4	9 a.m., May 2 (Mon)
5	May 11 (Wed)	Neutron Diffusion in Nonmultiplying Medium (非増倍体系での中性子拡散)	Exercise for P4, Homework P5	9 a.m., May 16 (Mon)
6	May 18 (Wed)	The One-Speed Diffusion Model of a Nuclear Reactor (原子炉での1群拡散理論)	Exercise for P5, Homework P6	9 a.m., May 23 (Mon)
7	May 25 (Wed)	Multigroup Diffusion Theory (1) (多群拡散理論(1))	Exercise for P6, Homework P7	9 a.m., May 30 (Mon)
8	June 1 (Wed)	Multigroup Diffusion Theory (2) (多群拡散理論(2))	Exercise for P7	9 a.m., June 6 (Mon)
9	June 8 (Wed)	Examination (期末試験)	---	---

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