

Schedule of Nuclear Reactor Theory 2017 (2017年度原子炉理論講義スケジュール)

	Date	Contents	Exercise	Deadline of homework report submission
1	June 12 (Mon)	Perturbation theory (摂動論)	Homework P1	9 a.m., June 16 (Fri)
2	June 19 (Mon)	Nuclear Reactor Kinetics (原子炉の動特性)	Exercise for P1, Homework P2	9 a.m., June 23 (Fri)
---	June 26 (Mon)	(Cancel) (休講)	---	---
3	July 3 (Mon)	(15 : 05-16 : 35) Neutron Spectrum (1) Neutron Slowing Down in Infinite Medium (中性子スペクトル(1) 中性子の減速)	(13 : 20-14 : 50) Exercise for P2, Homework P3	9 a.m., July 7 (Fri)
4	July 10 (Mon)	Neutron Spectrum (2) Resonance Absorption, Heterogeneous Effect (中性子スペクトル(2) 共鳴吸収、非均質効果)	Exercise for P3, Homework P4	9 a.m., July 14 (Fri)
5	July 17 (Mon)	Neutron Spectrum (3) Neutron Slowing Down and Diffusion, Thermal Spectrum (中性子スペクトル (3) 中性子の減速と拡散、熱中性子理論)	Exercise for P4, Homework P5	9 a.m., July 21 (Fri)
6	July 24 (Mon)	Core Burnup (1) Effect of Fission Products (燃焼解析 (1) 核分裂生成物の毒作用)	Exercise for P5, Homework P6	9 a.m., July 28 (Fri)
7	July 31 (Mon)	Core Burnup (2) Burnup Calculation, Reactivity Control, Reactivity Feedback (燃焼解析 (2) 燃料燃焼解析、反応度制御、反応度フィードバック)	Exercise for P6	---
8	August 7 (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)