

Schedule of Nuclear Reactor Theory 2016 (2016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 13 (Mon) | Perturbation theory (摂動論) | Homework P1 | 9 a.m., June 17 (Fri) |
| 2 | June 20 (Mon) | Nuclear Reactor Kinetics (原子炉の動特性) | Exercise for P1, Homework P2 | 9 a.m., June 14 (Fri) |
| 3 | June 27 (Mon) | Neutron Spectrum (1) Neutron Slowing Down in Infinite Medium (中性子スペクトル(1) 中性子の減速) | Exercise for P2, Homework P3 | 9 a.m., July 1 (Fri) |
| 4 | July 4 (Mon) | Neutron Spectrum (2) Resonance Absorption (中性子スペクトル(2) 共鳴吸収) | Exercise for P3, Homework P4 | 9 a.m., July 8 (Fri) |
| 5 | July 11 (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 15 (Fri) |
| 6 | July 18 (Mon) | Neutron Spectrum (4) Heteroginious Effect (中性子スペクトル (4) 非均質効果) | Exercise for P5, Homework P6, P7 | 9 a.m., July 22 (Fri) |
| 7 | July 25 (Mon) * | Core Burnup (1) Effect of Fission Products (Time:13:20-14:50) (燃焼解析 (1) 核分裂生成物の毒作用) Core Burnup (2) Burnup Calculation, Reactivity Control, Reactivity Feedback (Time:15:05-15:50) (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) | --- | 9 a.m., July 29 (Fri) |
| 8 | August 1 (Mon) * | --- | Exercise for P6, P7 (Time:13:20-14:50, 15:05-16:35) | -- |
| 9 | August 8 (Mon) | Examination (期末試験) | --- | --- |

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

*): Time for lecture and Exercise changed