

2014年度 物理学科大輪講 第7回

日時：11月26日(水)14時40分から

場所：中央棟301教室

時間：25分(発表20分、討論5分)

前半(14:40-16:20)

座長：渡邊

1. 10-041-033 (荒川研究室) 14:40-15:05
Experimental studies of hydrogen condensation on to liquid helium cooled surfaces
J. N. Chubb and I. E. Pollard
Vacuum vol. 15, 491 (1965)
2. 09-041-055 (理論研究室) 15:05-15:30
Particle - Particle Particle - Mesh Algorithms
R W Hockney, J W Eastwood
COMPUTER SIMULATION USING PARTICLES (Adam Hilger, 1988) Chapter
8, p.267
3. 09-041-052 (理論研究室) 15:30-15:55
Simple mathematical models with very complicated dynamics
Robert M. May
Nature 261, vol. 261, p.86, (1976)
4. 11-041-051 (理論研究室) 15:55-16:20
On the Magnetic Properties of Superconductors of the Second Group
A.A.ABRIKOSOV
SOVIET PHYSICS JETP, 5, 1174 (1957)

後半 (16:30–17:45)

座長：井田

5. 10-041-023 (平野研究室) 16:30–16:55

Quantum tele-amplification with a continuous variable superposition state

Jonas S. Neergaard-Nielsen, Yujiro Eto, Chang-Woo Lee, Hyunseok Jeong and Masahide Sasaki,

Nature photonics, vol.7, P439, (2013)

6. 10-041-045 (平野研究室) 16:55–17:20

Experimental demonstration of long-distance continuous-variable quantum key distribution

Paul Jouguet, Sébastien Kunz-Jacques , Anthony Leverrier , Philippe Grangier and Eleni Diamanti,

nature photonics, vol. 7, p. 3678(2013)

7. 09-041-048 (高橋研究室) 17:20–17:45

Relaxation Mechanisms

T.C.Farrar and E.D.Becker

Pulse and Fourier Transform NMR : Introduction to Theory and Methods (Academic Press, 1971) Chapter 4, p46