

2016年度 物理学科大輪講 第1回

日時：10月19日(水)14時40分から

場所：南2号館200教室

時間：25分(発表20分、討論5分)

前半(14:45-16:00)

座長：渡邊

1. 13-041-018 (高橋研究室) 14:45-15:10

Internal Spin Interactions

Malcolm H. Levitt

spin dynamics, Wiley, 2008, Chapter 9, Appendix A

2. 13-041-025 (高橋研究室) 15:10-15:35

Properties of TTF-TCNQ and Its Family

S.Kagoshima, H.Nagasawa and T.Sambongi

One-Dimensional Conductors, Springer 1版 1988年, p48-71

3. 13-041-054 (平野研究室) 15:35-16:00

Significant-Loophole-Free Test of Bell's Theorem with Entangled Photons

Marissa Giustina, Marijn A.M. Versteegh, Sören Wengerowsky, Johannes Handsteiner, Armin Hochrainer, Kevin Phelan, Fabian Steinlechner, Johannes Kofler, Jan-ke Larsson, Carlos Abelln, Waldimar Amaya, Valerio Pruneri, Morgan W. Mitchell, Jörn Beyer, Thomas Gerrits, Adriana E. Lita, Lynden K. Shalm, Sae Woo Nam, Thomas Scheidl, Rupert Ursin, Bernhard Wittmann, and Anton Zeilinger

Physical Review Letters, vol. 115, p. 150401 (2015)

後半 (16:10–17:25)

座長：宇田川

4. 13-041-046 (平野研究室) 16:10–16:35
Relaxation and Prethermalization in an Isolated Quantum System
M.Gringer, M.Kuhnert, T.Langen, T.Kitagawa, B.Rauer, M.Schreitl, I.Mazets, D.Adu Smith,
E.Demler, J.Schmiedmayer,
Science, Vol.337, p.1318(2012)

5. 13-041-014 (渡邊研究室) 16:35–17:00
Oscillating droplets by decomposition on the spherical harmonics basis
S. Courty, G. Lagubeau, and T. Tixier
PHYSICAL REVIEW E 73, 045301(R) (2006)

6. 13-041-055 (渡邊研究室) 17:00–17:25
Experiments on the Random Packing of Tetrahedral Dice
Alexander Jaoshvili , Andria Esakia , Massimo Porrati , and Paul M. Chaikin
Physical Review Letters, 104 (2010) 185501