

2016年度 物理学科大輪講 第2回

日時：10月26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(14:40-16:20)

座長：田崎

1. 13-041-028 (高橋研究室) 14:40-15:05
Relaxation
Malcolm H. Levitt
spin dynamics (WILEY, 2008 second edition) Chapter 20,p.543
2. 13-041-039 (高橋研究室) 15:05-15:30
Quantum spin liquid in the spin-1/2 triangular antiferromagnet $\text{Et Me}_3\text{Sb} [\text{Pd}(\text{dmit})_2]_2$
T.Itou, A.Oyamada, S.Maegawa, M.Tamura, and R.Kato
PHYSICAL REVIEW, B77, 104413, 2008
3. 13-041-035 (平野研究室) 15:30-15:55
Coherent Magnon Optics in a Ferromagnetic Spinor Bose-Einstein Condensate
G. Edward Marti, Andrew MacRae, Ryan Olf, Sean Lourette, Fang Fang, and Dan M. Stamper-Kurn
Physical Review Letters 113, 155302 (2014).
4. 13-041-012 (西坂研究室) 15:55-16:20
Hybrid-fuel bacterial flagellar motors in *Escherichia coli*
Y. Sowa
Proceedings of the National Academy of Sciences, vol. 111, n.9 , p. 3436 (2014)

後半 (16:30-17:55)

座長：西坂

5. 13-041-001 (理論研究室) 16:30-16:55
The Pricing of Options and Corporate Liabilities
Fischer Black and Myron Scholes
The Journal of Political Economy, vol. 81, No.3(May - Jun.,1973), p. 637-654

6. 13-041-011 (理論研究室) 16:55-17:30
Exact Maximum A Posteriori Estimation for Binary Images
D.M.GREIG,B.T.PORTOUS and A.H.SEHEULT
Journal of the ROYAL Statistical society. Series B(Methodical), VOL.51,No.2(1989),
271-279

7. 13-041-063 (田中研究室) 17:30-17:55
Plasmonic mode interferences and Fano resonances in Metal-Insulator-Metal nano-
structured interface
Rana Nicolas
SCIENCE REPORT, vol. 5, Article number:14419 (2015)