

## 2015年度 物理学科大輪講 第7回

日時：12月2日(水)13時30分から

場所：南3号館301教室

時間：25分(発表20分、討論5分)

前半(13:30-15:10)

座長：平野

1. 10-041-003 (理論研究室) 13:30-13:55  
Antenna Theory:A Review  
C.A.Balanis  
Proceedings of the IEEE, vol.80, p.7 (1992)
2. 12-041-022 (徳川研究室) 13:55-14:20  
Genetic Optimization of Target Pressure Distributions for Inverse Design Methods  
S.Obayashi and S.Takanashi  
AIAA Journal , vol.34 , pp.881-885. (1996)
3. 12-041-071 (徳川研究室) 14:20-14:45  
Roughness Based Crossflow Transition Control: A Computational Assessment  
Fei Li, Meelan Choudhari, Chau-Lyan Chang, Craig Streett, and Mark Carpenter  
AIAA Paper 2009-4105, (2009)
4. 12-041-006 (平野研究室) 14:45-15:10  
Nonequilibrium Dynamics and Superfluid Ring Excitations in Binary Bose-Einstein  
Condensates  
K.M.Mertes, J.W.Merrill, R.Carretero-Gonzlez, D.J.Frantzeskakis, P.G.Kevrekidis,  
and D.S.Hall  
PHYSICAL REVIEW LETTERS 99,190402(2007)

後半 ( 15:20–16:35 )

座長：田崎

5. 12-041-059 ( 渡邊研究室 ) 15:20–15:45  
Surface Tension and Viscosity from Damped Oscillations of Viscous Droplets  
P.V.R. Suryanarayana and Y. Bayazitoglu  
International Journal of Thermophysics, Vol.12, No.1, (1991)p.137
  
6. 12-041-046 ( 渡邊研究室 ) 15:45–16:10  
Dynamics of Levitated two-Phase Liquid Drops  
Iván EGRY , Matthias KOLBE  
Journal of the Japan Society of Microgravity Application 25,p.393-397,(2008)
  
7. 08-041-046 ( 高橋研究室 ) 16:10–16:35  
Basic theory  
C. P. Slichter  
Principles of Magnetic Resonance, (Springer-verlag,1996)