

## 2015年度 物理学科大輪講 第5回

日時：11月18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：西坂

1. 12-041-053 (落合研究室) 13:30-13:55  
Variations in measured sound transmission loss due to sample size and construction parameters  
Robin R. Wareing, John L. Davy, John R. Pearse  
Applied Acoustics, 89, 2015, p.166-177
2. 12-041-069 (落合研究室) 13:55-14:20  
Temperature dependence of elastic, dielectric, and piezoelectric properties of "single crystalline" films of vinylidene fluoride trifluoroethylene copolymer  
Kenji Omote Hiroji Ohigashi, Keiko Koga  
J. Appl. phys. 81,2760(1997)
3. 12-041-061 (理論研究室) 14:20-14:45  
Percolation in "Fractals and Disordered Systems"  
A.Bunde and S.Halvin  
(Springer-Verlag, 1991)
4. 12-041-067 (理論研究室) 14:45-15:10  
Morphological Stability of a Particle Growing by Diffusion or Heat Flow  
W.W.Mullins and R.F.Sekerka  
Journal of Applied Physics, volume34,number2(1963)p.323

後半 ( 15:20-17:00 )

座長：井田

5. 12-041-002 ( 平野研究室 ) 15:20-15:45  
A polarization entangled photon-pair source based on a type-II PPLN waveguide emitting at a telecom wavelength  
A. Martin, A. Issautier, H. Herrmann, W. Sohler, D. B. Ostrowsky, O. Alibart and S. Tanzilli  
New Journal of Physics, vol. 12, p.13(2010)
6. 12-041-018 ( 平野研究室 ) 15:45-16:10  
Strong Einstein-Podolsky-Rosen steering with unconditional entangled states  
Sebastian Steinlechner, Jöran Bauchrowitz, Tobias Eberle, and Roman Schnabel  
PHYSICAL REVIEW A 87, 022104 (2013)
7. 12-041-044 ( 高橋研究室 ) 16:10-16:35  
Field-Induced Successive Phase transitions in the Charge Density Wave Organic Conductor HMTSF-TCNQ  
Keizo MURATA  
Journal of the Physical Society of Japan ,Vol.79,p.103702(2010)
8. 11-041-011 ( 高橋研究室 ) 16:35-17:00  
Systematic study of the electronic state in  $\beta$ -type BEDT-TTF organic conductors by changing the electronic correlation  
Hatsumi Mori, Shoji Tanaka and Takehiko Mori  
Physical Review B Volume 57, Issue 19 p.12024 (1998)