

物理学科コロキウム

| | |
|----|--|
| 日時 | 2004年7月15日(木) 3:15pm – 4:50pm |
| 場所 | 9号館349室 |
| 講師 | Professor Boris Shapiro (Dept. Phys., Technion, Israel) |
| 題目 | Multiple Scattering of Light in Dielectric Media with Disorder |

講演要旨

Electromagnetic waves, propagating in a disordered dielectric medium, undergo multiple scattering from the inhomogeneities. As a result, a complicated spatial intensity pattern is established in the medium. It is commonly referred to as a “speckle” and, due to its complexity, it should be characterized in statistical terms. Intensity correlations in speckles will be discussed and some examples will be given, including speckles in disordered photonic crystals.

連絡先 大槻 (3438)