



Departamento
de Matemática
Aplicada



Instituto de
Matemática
Interdisciplinar

Seminario de Matemática Aplicada

Koby Rubinstein,
Technion - Israel Institute of Technology

Mathematical challenges in nonimaging optics

Nonimaging optics deals with the design of optical elements that control the distribution of light intensity. Many applications are involved, including solar energy, efficient street and room light systems, medicine, manufacturing, and more. Such design goals give rise to very difficult mathematical problems. In particular the underlying PDEs are of the Monge Ampere type. In my talk I shall survey a few canonical problems that relate to the measurement and control of light intensity.

Organizado por el Departamento de Matemática Aplicada, el Grupo MOMAT, el proyecto europeo FIRST y el Instituto de Matemática Interdisciplinar (IMI).

**Jueves 29 de noviembre de
2012 a las 11:00 hs.**

Seminario Alberto Dou (sala 209)
Facultad de CC Matemáticas, UCM