

Soliton Management in Periodic Systems

Lecturer:

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Outline:

- Overview of dynamics of solitons in periodic heterogeneous media as fiber optics and photonic crystals
- Proposal of a general class of such systems
- New systems in nonlinear optics: split-step, tandem. Transmission of solitary pulses
- Time periodic modulation
- Feshbach-resonance management in Bose-Einstein condensates

Seminario de Física Aplicada I (L3-G0.81), ETSI Informática
Viernes 10 de Octubre, 12 horas

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