

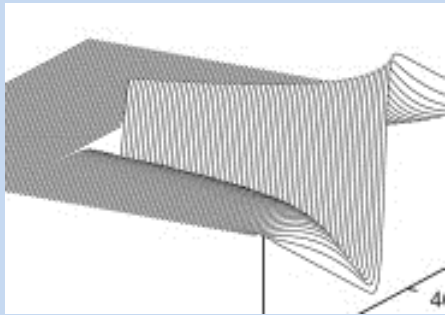
Mobile localized solutions for an electron in lattices with dispersion of Debye and Einstein.

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Seminar hall of
Theoretical Physics.
Physics Faculty, V
floor. Universidad de
Sevilla, Spain



An electron can interact with two different types of phonons in a lattice, Debye and Einstein phonons, bringing about different mobile states. A surprising result is that some localized states are only stable with zero velocity.

Organized by JFR Archilla and FR Romero. Group of Nonlinear Physics . Universidad de Sevilla



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