

Short-range-Induced Resonances in Two-dimensional Dipolar Scattering

Monday, 15 April 2019 15:15 (15 minutes)

We investigate the two-dimensional dipole-dipole scattering problem at low energies, which simulates the polar molecules collisions in the optical traps. The resonances induced by short-range interactions are revealed in the scattering cross section dependence on the short-range interaction radius.

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Session Classification: Theoretical Physics

Track Classification: Theoretical Physics