



ID de Contribution: 4

Type: **Non spécifié**

Application of the complex-scaling method for few-body scattering

vendredi 14 octobre 2011 10:40 (40 minutes)

Formalism based on complex-scaling method will be presented, which enables solution of the few-body scattering problem using trivial boundary conditions. Several applications will be presented proving efficiency of the method in describing elastic and three-body break-up reactions for Hamiltonians which may include both short-range and Coulomb interaction.

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