DAMOP18-2017-000015

Abstract for an Invited Paper for the DAMOP18 Meeting of the American Physical Society

Collisions of ultracold ground-state NaRb molecules¹

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In this talk, I will report our recent work on the production and investigation of an ultracold sample of absolute ground-state ²³Na⁸⁷Rb molecules via Raman transfer of weakly bound molecules formed by magnetoassociation. A series of investigations, including the inelastic collisions with different chemical reactivity and with and without the induced dipole-dipole interaction, will be discussed.

¹This work is supported by the COPOMOL project funded by Hong Kong RGC (grant no. A-CUHK403/13).