Title:	An accurate ab initio potential energy curve and the vibrational bound states of X 2 Σu + state of H 2 -
Authors:	Sathyamurthy, N. (/jspui/browse?type=author&value=Sathyamurthy%2C+N.)
Keywords:	Anions Electron scattering H 2 - Potential energy curve
Issue Date:	2012
Publisher:	Elsevier
Citation:	Chemical Physics, 398(1), pp.160-167.
Abstract:	Potential energy curve for the X2Σu+ state of H2- has been computed at the full CI/cc-pVXZ (X = D - Q) level. An analytic function is fitted to the resulting potential energy curve and is then used to calculate the vibrational bound states of H2- and compared with those for H 2.
Description:	Only IISERM authors are available in the record.
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