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Title:	An accurate ab initio potential energy curve and the vibrational bound states of $X^2\Sigma^+ + \text{state of } H_2^-$
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 $X^2\Sigma^+$ state of H_2^- 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 H_2^- and compared with those for H_2 .
Description:	Only IISERM authors are available in the record.
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