

Response to " Comment on ' Electric Multipole Moments for Some First-Row Diatomic Hydride Molecules' [Commun. Theor. Phys. 38 (2002) 256]"

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Abstract: The comment of Guseinov is irrelevant and also unjust. In contrast to his comment, we show that the obtained electric multipole moment values for some first-row diatomic molecules are original and better than his values (I. I. Guseinov, E. Akin, and A.M. Rzaeva, J. Mol. Struct. (Theochem) 453 (1998) 163) with respect to Hartree-Fock values. Moreover, it must be noted that all the formulas are cited in our paper (M. Orbay and T. Özdoğan, Commun. Theor. Phys. (Beijing, China) 35 (2001) 585) and corrigendum (M. Orbay and T. Özdoğan, Commun. Theor. Phys. (Beijing, China) 37 (2002) 768).

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Key words: multipole moments, Slater-type orbitals, the first row diatomic molecules

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