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A comparative study of two-electron systems with screened Coulomb potentials

K.D. Sen, Jacob Katriel, , H.E. Montgomery, Jr.

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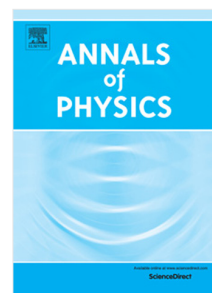
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Highlights**HIGHLIGHTS**

A comparison criterion for screened potentials is conjectured for two-electron atoms.

The limits of validity of the correlation hypothesis are discussed.

Independent Hylleraas and Lagrange mesh calculations verify the comparison criterion.

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