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Reviewer: Znojil, Miloslav

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Address:

M. Znojil, NPI ASCR,
250 68, Czech Republic
znojil@ujf.cas.cz

Author: Qiang, Wen-Chao; Chen, Wen Li; Li, Kai; Zhang, Hua-Ping

Short title: Improved arbitrary l -state solutions of the Hulthen potential.

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Primary classification: 81Q05

Secondary classification(s):

Review text:

Trivial sample of Schroedinger equation solvable, in terms of polynomial wave functions, via its approximate reduction to the Gauss hypergeometric equation. At present, the unbelievably multiple “rediscoveries” of the underlying trick (well known, e.g., from the elementary textbooks like S. Fluegge, Practical Quantum Mechanics, Springer, Berlin, 1971, part I, p. 186) belongs among the most popular and deplorably efficient weapons against the “publish or perish” threat.