

This is a review text file submitted electronically to MR.

Reviewer: Znojil, Miloslav

Reviewer number:

Address:

NPI AS CR,
250 68 Rez,
Czech Republic
znojil@ujf.cas.cz

Author: Egrifes, Harun; Sever, Ramazan

Short title: Bound-state solutions of the Klein-Gordon equation for the generalized PT -symmetric Hulthen potential.

MR Number: 2316227

Primary classification: 81Q05

Secondary classification(s): 33C90

Review text:

The authors return, once more, to the Rodrigues formula in its form and application presented in a chapter of the Nikiforov's and Uvarov's 1998 monograph on special functions. The present paedagogically appealing paper shows that and how this approach enables one to solve the one-dimensional Klein-Gordon equation with a PT -symmetric version of Hulthen potential.