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Short title: On integrability and pseudo-Hermitian systems with spin-coupling point interactions.

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Review text:

Generalizations are considered of a well known bound state of a particle on the real line generated by the single delta function in the origin. The readers are reminded, firstly, that the delta function is just a special case of a general point interaction (or, if you wish, of a suitable matching or boundary condition), and that the construction may be naturally extended to many particles and/or particles with spin. Then, the message of the (short) paper is formulated as a next step towards the models where the Hamiltonian becomes pseudo-Hermitian (or, in a more physical language, Hermitian with respect to some nonstandard, ad hoc scalar product). The integrability of the new model is emphasized and shown to follow from Yang Baxter equation for a matching-condition matrix Y . A compact closed formula for bound states is displayed.

Comments to the MR Editors: In your files, the correction of my postal address is needed - your mail was repeatedly lost and this paper did not reach me at all