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**Short title:** Scattering by  $PT$ -symmetric non-local potentials.

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**Review text:**

The needs of the applied quantum physics (say, in the domain of atomic nuclei) currently motivate studies of non-local models. On an elementary level the paper combines “theoretical” non-localities (caused by the use of a nonstandard definition of the inner product in Hilbert space as necessary, i.a., in the so called  $PT$ -symmetric models) with the “pragmatic” non-local choice of the interaction. Comments are formulated on the underlying mathematics as well as physics, emphasizing the puzzling manifest violation of the unitarity or of the “handedness”, as well as, by citing the results of Ahmed [6], on the possible role of the separability of interactions. In the choice of the kinematics (of a mere one-dimensional scattering of a single particle) and of the dynamics (mediated by an elementary separable potential a la Yamaguchi), just the first steps are being made. Still, within their analytically solvable exercise the authors are able to ask important questions, most of which are left without any widely accepted answer at present.