

Buslaev, V. S.; Merkur'ev, S. P.; Salikov, S. P.

Description of the pair potentials for which the scattering in the quantum system of three one-dimensional particles is free of diffractive effects. (Russian) [Zbl 0413.35058](#)

Zap. Nauchn. Semin. Leningr. Otd. Mat. Inst. Steklova 84, 16-22 (1979).

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MSC:

[35P25](#) Scattering theory for PDEs
[47A40](#) Scattering theory of linear operators
[35B40](#) Asymptotic behavior of solutions to PDEs
[31C99](#) Generalizations of potential theory

Cited in **1** Review
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Keywords:

coordinate asymptotics of a solution; scattering problem; quantum system of three one-dimensional particles; diffraction waves; potentials; Bargmann class

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