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The asymptotics of eigenfunctions of the absolutely continuous spectrum. The scattering problem of three one-dimensional quantum particles. (English. Russian original) [Zbl 1435.81230](#)
J. Math. Sci., New York 243, No. 5, 640-655 (2019); translation from *Zap. Nauchn. Semin. POMI* 471, 15-37 (2018).

Summary: In the paper the asymptotic structure of eigenfunctions of the absolutely continuous spectrum of the scattering problem is described. The case of three one-dimensional quantum particles interacting by repulsive pair potentials with a compact support is considered.

MSC:

[81U10](#) *n*-body potential quantum scattering theory

[81U20](#) *S*-matrix theory, etc. in quantum theory

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