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Spectral identities for a system of many quantum particles. (Russian. English summary)

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Vestn. Leningrad. Univ., Ser. 4, Fiz. Khim. 1987, No. 2, 16-21 (1987).

Summary: We consider the Hamiltonian of the system of several quantum particles. We study the high energy asymptotic behaviour of connected parts of the resolvent and spectral projector, asymptotic behaviour of their traces and as a result, the spectral shift function. We investigate the structure of spectral identities.

MSC:

81Q10 Selfadjoint operator theory in quantum theory, including spectral analysis

Cited in **1** Document