ESTIMATES OF EIGENVALUES OF SCHRÖDINGER OPERATORS ON THE HALF–LINE WITH COMPLEX–VALUED POTENTIALS

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Abstract. Estimates for eigenvalues of Schrödinger operators on the half-line with complex-valued potentials are established. Schrödinger operators with potentials belonging to weak Lebesque's classes are also considered. The results cover those known previously due to R. L. Frank, A. Laptev and R. Seiringer [In spectral theory and analysis, vol. 214, Oper. Theory Adv. Appl., pag. 39–44; Birkhäuser/Springer Basel.]

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