Arif H. HEYDAROV

ONE-DIMENSIONAL SCHRÖDINGER OPERATOR WITH δ' -INTERACTION

Abstract

In the present paper some self-adjoint operator A that is one of possible realizations of the formal operator $-\frac{d^2}{dx^2} + \beta \delta'(x)$ is defined in the space $L_2(R)$. The spectrum of the operator A is investigated.