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ON ABSOLUTE AND UNIFORM CONVERGENCE
OF BIORTHOGONAL EXPANSION RESPONDING
TO SCHRÖDINGER DISCONTINUOUS OPERATOR

Abstract

In the paper we consider a Schrodinger discontinuous operator with a potential summable on $G = (a, b)$. We prove a theorem on uniform and absolute convergence of biorthogonal expansion of functions from the space of type $W_p^1(G)$, $1 < p \leq 2$.