Vali M. KURBANOV, Rasim A. SAFAROV

UNIFORM CONVERGENCE OF BIORTHOGONAL EXPANSION RESPONDING TO THE SCHRÖDINGER OPERATOR

Abstract

In this paper the uniform convergence on the segment of biorthogonal expansion by root functions of Shrödinger operator is studied. The rates of uniform convergence of biorthogonal expansions of funtions from the classes $W_p^1(G)$, $p \geq 1$ satisfying the condition $f(0) = f(1) = 0$ are established.