Abstract

In the present paper we consider the question on influence of module of continuity of the main coefficient $P_1(x)$ on the rate of equiconvergence of biorthogonal expansion in root functions of the operator $Lu = u'' + P_1(x) u' + P_2(x) u$. The estimation is constructed for rate of equiconvergence. At this the obtained estimation is expressed by $\omega_r(P_1, \delta)$.