

ON CONVERGENCE OF SOME APPROXIMATE
METHOD IN CONFORMITY TO THE SOLUTION
OF THE BOUNDARY-VALUE PROBLEMS FOR
SECOND ORDER DIFFERENTIAL EQUATIONS OF
THE NEUTRAL TYPE

Abstract

In the present work, the schemes of the approximation of the approximate solution of the boundary-value problem for differential equations with divergent argument, and outstripping and delay are investigated.

The equations with divergent argument describe many processes with con-tagion. Such equations appear in the physical and technical problems, in the automatic control system.