Vagif R. IBRAHIMOV

THE FORWARD JUMPING METHODS

Abstract

As is known there exists a wide range of numerical methods for solving the Cauchy problem for ordinary differential equations. Among them forward jumping methods are little-studied in sprite of the fact that the first paper was published at the beginning of XX century. Because of some deficiencies of forward jumping methods many authors did not investigate these methods. Therefore in the given paper the advantages of forward jumping methods are considered.