

## ON SOME CONNECTIONS BETWEEN RUNGE-KUTTA AND ADAMS METHODS

### Abstract

*The one- and multi-step methods whose classical representatives are Runge-Kutta and Adams methods are popular methods of numerical solution of the Cauchy problem for the ordinary differential equations. Each of these methods has its lacks and advantages. Here one scheme is given with the help of which it's possible to obtain the Adams method from Runge-Kutta method and vice versa.*