

CREATIVE MATH.
12 (2003), 59 - 64

A matrix method for obtaining the spline collocation function

MAGNOLIA REBELEȘ

ABSTRACT. In this paper it is presented a procedure for obtaining a spline collocation function which approximate the solution of the initial value problem in linear differential equation, using a matrix method. There are also presented some results of implementing a *Borland C* program for a linear differential equation with initial values.

COLEGIUL ECONOMIC "NICOLAE TITULESCU"
PROGRESULUI 45, 430291 BAIA MARE
ROMANIA
E-mail address: m_rebeles@yahoo.com