TRANSFORM TECHNIIQUE FOR THE SOLUTION OF FIRST ORDER LINEAR AND NON-LINEAR DIFFERENTIAL EQUATION

S. VISHWA PRASAD RAO, P. S. RAMA CHANDRA RAO AND C. PRABHAKARA RAO

Abstract

In this paper, the differential transform method for the solution of first order linear and non linear differential equations, we used differential transform method to find the solution and we compared the solution with other alternate method. The method is described and illustrated with examples. Differential transform method may be considered as alternation and efficient for finding the solution of problems.

_____