

Title of Article: Two Steps Block Method for the Solution of General Second Order Initial Value Problem of Ordinary Differential Equation.

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Abstract: In this paper, an implicit block linear multistep method for the solution of ordinary differential equation was extended to the general form of differential equation. This method is self starting and does not need a predictor to solve for the unknown in the corrector. The method can also be extended to boundary value problems without additional cost. The method was found to be efficient after being tested with numerical problems of second order.