

Title of Article: Numerov Method for the solution of second order initial values problems of ordinary differential equations using modified block method.

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Abstract: Collocation and interpolation method using power series approximate solution to generate a continuous Numerov's Method is considered in this paper. The existing block method was modified to accommodate the unknown parameter in the corrector. The modified block method generates the independent solution at grid points. This method was found to be efficient when tested on second order ordinary differential equations.