**Title of Article:** On a Block Integrator for the solution of First Order Ordinary Differential Equations.

**Author(s):** Anake T. A, Agarana M C, Bishop, S A, Adeleke, O.J.

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**Abstract:** An efficient one step Adam type implicit block numerical algorithm developed by simultaneous employment of interpolation and collocation technique is proposed in this paper. Non mesh points were introduced to upgrade the order of consistency and improve the rate of the method. Further analysis is revealed.