1113-65-29 **Dr. Fola Adeyeye*** (adeyeye.fola@fupre.edu.ng), Dept. of Maths/computer science, college of science, PMB 1221, Fed. Uni. of Petroluem Resources, Effurrun, +234, Nigeria, and **Prof Emmanuel Ibijola** (emmaibj@yahoo.com), Dept. of Mathematics, Ekiti state uni, Ado- Ekiti, +234, Nigeria. *THE SOLUTION OF SOME LOGISTIC PROBLEM IN ORDINARY DIFFERENTIAL EQUATION BY A NEW HYBRID ADM.*

In this paper we present a relatively new technique call the New Hybrid of Adomian decomposition method (ADM) for solution of an Abelian Logistic Differential equation. The numerical results of the equation have been obtained in terms of convergent series with easily computable component. These methods are applied to solve some problem represented as Abelian differential equation and the current results compared with an established Runge-kutta of order IV in order to verify the accuracy and also with Actual solution . This findings confirm that some know methods and the New Hybrid are powerful and efficient tools for solving some logistic differential equation in Abelian form. (Received July 13, 2015)