

Dr. J.Biazar Professor of Applied Mathematics

The main interest in research is understanding more about the beautiful relations between different branches of Mathematics.

The main research field is working on Adomian Decomposition method as a powerful devices for solving linear and non-linear functional equations, Variational iteration, and Homotopy Analysis, Homotopy Perturbation, Variational iteration methods and other new approaches for solving nonlinear Functional Equations.

He has extended ADM for solving systems of linear and non-linear integral equations of the first and second kind, systems of differential equations, technically and theoretically (Proving the convergence of the method for such problems)

He has been doing some researches, presenting some topics, and collaborating in supervision of more than 10 MSc. and PhD students at Oil and Gas research group at Dalhousie University in Halifax, Canada. According a contract between Dr. Biazar and Oil & Gas research group. He has been collaborating in that group as a Mathematical assistant, at summers for six years (2001-2006).

He has published more than 150, papers in ISI, ISC, and international indexed Journals.

Dr Biazar is reviewer of many I, and international journals.