

ZARINA BIBI IBRAHIM

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EXPERTISE

Assoc. Prof. Dr. Zarina Bibi Ibrahim is currently a lecturer in the Department of Mathematics, Faculty of Science and an associate researcher at Institute for Mathematical Research (INSPEM), Universiti Putra Malaysia (UPM). PhD in Applied Mathematics (Numerical Analysis), UPM, 2006. Masters in Mathematics, California State Univ. Long Beach, United States of America, 1985. Bachelor Degree in Mathematics, California State University Long Beach, United States of America, 1984.

Current Research Interest

- Developing Code For Solving Higher Order Ordinary Differential Equations (ODEs) Directly Using Implicit Block Methods
 - Solving Boundary Value Problems by Multiple Shooting using the multistep method in its Backward Difference Formulations
 - Block Multistep Formulas for Solving Ordinary Differential Equations (ODEs)
 - Parallel Partitioning Technique Using Multistep Formulas for Solving Ordinary Differential Equations (ODEs)
 - Developing Code For Solving Delay Differential Equations (DDEs) Using Multi Step Block Methods
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LINK TO POSTGRADUATE FIELD OF STUDY:

Numerical Analysis, Computational Mathematics

ADDITIONAL INFORMATION:

- <http://profile.upm.edu.my/zarinabb>
- <https://scholar.google.com/citations?user=45R585cAAAAJ&hl=ja>