

APPLIED MATHEMATICS

AMIZAH MALIP (amizah.malip@um.edu.my)

Research Field: Cryptography, Information Security

Main Theme:

- ◆ Cryptographic Applications
- ◆ Network Security
- ◆ Big Data

ELAYARAJA A/L ARUCHUNAN (elayarajah@um.edu.my)

Research Field: Numerical Analysis and Applications,
Computational Complexities Analysis

Main Theme:

- ◆ Convergence and Error Analysis, Computational
- ◆ Mathematics Mathematical Modelling (Linear and Non-linear Models)
- ◆ Machine Learning on Big Data

KWA KIAM HEONG (khkwa@um.edu.my)

Research Field: Linear and Multilinear Algebra, Social Network Analysis

Main Theme:

- ◆ Tensors
- ◆ Centralities

MUHAMAD HIFZHUDIN NOOR AZIZ (hifz_din@um.edu.my)

Research Field: Computational Biology

Main Theme:

- ◆ Cardiac Drug Safety Evaluation
- ◆ Cardiac Arrhythmia

NOOR FADIYA MOHD NOOR (drfadiya@um.edu.my)

Research Field: Numerical Methods in Fluid Mechanics

Main Theme:

- ◆ Nanofluid Boundary Layer fFows
- ◆ Newtonian and Non-Newtonian Fluids
- ◆ Heat and Mass Transfer

SITI SUZLIN SUPADI (suzlin@um.edu.my)

Research Field: Operational Research

Main Theme:

- ◆ Production and Inventory Control
- ◆ Pharmaceutical Supply Chain

WAN AINUN MIOR OTHMAN (wainainun@um.edu.my)

Research Field: Cryptography & Computer Aided Geometric Design

Main Theme:

- ◆ Mathematical & Applied Cryptography
- ◆ Computational Mathematics
- ◆ Geometric Modelling
- ◆ CAGD-generating Curves and Surfaces

ZAILAN SIRI (zailansiri@um.edu.my)

Research Field: Computational Fluid Dynamics, Numerical Method

Main Theme:

- ◆ Numerical Heat & Mass Transfer
- ◆ Boundary Layer Flow