

# PURE MATHEMATICS

**ANGELINA CHIN YAN MUI ([acym@um.edu.my](mailto:acym@um.edu.my))**

Research Field: Group Theory, Ring Theory

Main Theme:

- ◆ Non-Commutative Rings
- ◆ Finite groups
- ◆ Cohomology of Groups

**CHOOI WAI LEONG ([wlchooi@um.edu.my](mailto:wlechooi@um.edu.my))**

Research Field: Linear and Multilinear Algebra

Main Theme:

- ◆ Preserver Problems
- ◆ Geometry of Matrices
- ◆ Quantum Information Science

**DENG CHAI LING ([cldeng@um.edu.my](mailto:cldeng@um.edu.my))**

Research Field: Graph Theory

Main Theme:

- ◆ Graph Theory and Its Applications
- ◆ The Timetabling Problem
- ◆ Mathematics and Music

**LOO TEE HOW ([ltooth@um.edu.my](mailto:ltooth@um.edu.my))**

Research Field: Differential Geometry

Main Theme:

- ◆ Geometry of Submanifolds

**MOHAMAD BAKRI ZUBIR ([mbakri@um.edu.my](mailto:mbakri@um.edu.my))**

Research field: Inventory Control

Main Theme:

- ◆ Engineering Mathematics
- ◆ Abstract Mathematics

**ONG SIEW HUI ([siewhui@um.edu.my](mailto:siewhui@um.edu.my))**

Research Field: Discrete Mathematics

Main Theme:

- ◆ Graph Theory

**OON SHEA MING ([oonsm@um.edu.my](mailto:oonsm@um.edu.my))**

Research Field: Number Theory

Main Theme:

- ◆ Analysis
- ◆ Cryptography

**TAN TA SHENG** ([tstan@um.edu.my](mailto:tstan@um.edu.my))

Research Field: Combinatorics

Main Theme:

- ◆ Extremal Combinatorics
- ◆ Graph Theory
- ◆ Ramsey Theory

**WONG KOK BIN** ([kbwong@um.edu.my](mailto:kbwong@um.edu.my))

Research Field: Algebra, Combinatorics

Main Theme:

- ◆ Group Theory
- ◆ Algebraic Combinatorics
- ◆ Cryptography

$$R(t) = \exp\left(-\int_0^t z(x) dx\right),$$

$$\text{CBMO} = \int_0^{\infty} R(t) dt.$$