

WAN NUR FAIRUZ ALWANI BT W ROZALI



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ACADEMIC QUALIFICATION

- Ph.D in P-Adic Dynamical System
- Master of Science CTS
- Bachelor of Science Mathematical Sciences

TEACHING RESPONSIBILITIES

ERGODIC THEORY 1	2019/2020 2020/2021
ERGODIC THEORY 2	2020/2021
ERGODIC THEORY I	2019/2020
ERGODIC THEORY II	2019/2020 2020/2021
FINAL YEAR PROJECT	2020/2021
MATHEMATICS FOR CHEMISTS II	2019/2020
NUMBER THEORY	2019/2020 2020/2021
STOCHASTIC PROCESSES	2018/2019 2019/2020 2020/2021

RESEARCH PROJECTS

In Progress

2019 - Present	Stability Analysis of Nonlinear Operator (Quadratic) and Z_5 -symmetric Models
2019 - Present	Stability Analysis of Nonlinear Operator (Quadratic) and Z_5 symmetric.
Unknown - Present	Stability Analysis of Nonlinear Operator (Quadratic) and Z_5 symmetric.
Unknown - Present	Rotation On a 3-dimensional lattice
Unknown - Present	Dynamical System Generated by Quadratic Stochastic Operators of Continual State Space

PUBLICATIONS

Article

- 2018** [Nonlinear rotations on a lattice.](#) Journal of Difference Equations and Applications , 24 pp.1074-1104
- 2014** [On xi-a quadratic stochastic operators on 2-D simplex = \$\xi_a\$ -quadratik stochastic pengendali di simplex 2-D.](#) Sains Malaysiana , 43 (8) pp.1275-1281

Conference or Workshop Item

- 2021** [On exactly solvable phases of models with competing interactions.](#) In: **14th Asia-Pacific Physics Conference 2019 (APPC-14)**
- 2013** [On p-adic cubic generalized logistic dynamical system.](#) In: **International Conference on Advancement in Science and Technology 2012 (iCAST): Contemporary Mathematics, Mathematical Physics and their Applications**

Book

Book Section