

Nasir Ganikhodjaev  
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VOLUME 1

$$x' = 2xy$$

$$y' = 2xz$$

# INVESTIGATIONS ON PURE MATHEMATICS, FINANCE MATHEMATICS AND OPTICS

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$$\varphi_1(x, y, z) = z$$

$$\pi_1 = \begin{pmatrix} x & y & z \\ y & z & x \end{pmatrix}$$

$$z' = x^2 + y^2 + z^2 + 2yz$$

$$\pi_1 \nu_1 \pi_1 = \nu_{17}$$



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يُونَيْتِي اِسْلَامًا اِنْتَارَا اِنْعَسَابًا مِلِّيْسِيَا

# **Investigations on Pure Mathematics, Finance Mathematics and Optics**

Nasir Ganikhodjaev  
Farrukh Mukhamedov  
Pah Chin Hee



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# Contents

Preface

## Part I Pure Mathematics Concentration

Chapter 1	THE BEHAVIOR OF TRAJECTORY OF $\xi^s$ QUADRATIC STOCHASTIC OPERATIONS	2
Chapter 2	THEORY OF MARKOV CHAINS IN PEDIATRIC DISEASES	8
Chapter 3	ON NONLINEAR DYNAMIC SYSTEMS ARISING IN POTTS MODEL	14
Chapter 4	THE FIRST RETURN TIME AND DIMENSION	22
Chapter 5	ON AS SOCIATIVE ALGEBRAIC STRUCTURE OF GENETIC INHERITANCE	31
Chapter 6	INTERACTING PARTICLE SYSTEM	37
Chapter 7	DYNAMICS OF GENERALIZED LOGISTIC MAPS	43
Chapter 8	GEOMETRIC BROWNIAN MOTION AND CALCULATION OF OPTION PREMIUM IN BLACK-SCHOLES MODEL	50
Chapter 9	ON THE ELEMENTARY CHARACTERIZATION OF PRIMES IN PRIMALITY TESTS: TWO SHORT STUDIES.	57
Chapter 10	ON ASSOCIATIVE ALGEBRAIC STRUCTURE OF GENETIC INHERITANCE	64
Chapter 11	SOME APPLICATION OF ERGODIC THEORY IN NUMBER THEORY	70
Chapter 12	STUDY OF ROLES OF EXTERNAL MAGNETIC FIELD ON ISING AND POTTS MODEL	76
Chapter 13	INVESTIGATION OF STABILITY OF FIXED POINTS OF NONLINEAR DISCRETE DYNAMICAL SYSTEMS	82
Chapter 14	MARKOV CHAINS AND ITS APPLICATION: THE INVENTORY MODEL	90
Chapter 15	PHASE TRANSITION FOR ISING MODEL WITH TWO COMPETING INTERACTION ON CAYLEY TREE OF ORDER 4	96
Chapter 16	LIMIT BEHAVIOR OF DYNAMIC SYSTEMS CORRESPONDING TO LATTICE MODELS WITH COMPETING PROLONGED AND ONE-LEVEL BINARY INTERACTIONS	101
Chapter 17	ASSOCIATIVE ALGEBRA IN GENETIC INHERITANCE	109
Chapter 18	ON $\xi^a$ - QUADRATIC STOCHASTIC OPERATORS AND THEIR CLASSIFICATIONS	115

## **Part II Finance Mathematics Concentration**

Chapter 19	ANALYZING THE PERFORMANCE OF INVESTMENT STRATEGY OF EPF	123
Chapter 20	PREDICTION OF STOCK PRICE USING NEURAL NETWORK	130
Chapter 21	COMPARISON BETWEEN CONVENTIONAL AND ISLAMIC BOND IN MALAYSIA	136
Chapter 22	STOCK PERFORMANCE ANALYSIS BETWEEN MALAYSIAN AIRLINES SYSTEM BERHAD AND AIRASIA BERHAD	144
Chapter 23	ISLAMIC PAWNBROKING (AR-RAHNU) AS A MICRO CREDIT INSTRUMENT IN MALAYSIA	151
Chapter 24	ANALYSIS OF CRUDE PALM OIL FUTURES PRICES TRADED ON BURSA MALAYSIA	160
Chapter 25	AN EMPIRICAL STUDY ON THE EFFICIENCY OF THE TRIM AND FILL METHOD IN CORRECTING PUBLICATION BIAS IN META ANALYSIS	166
Chapter 26	PERFORMANCE ANALYSIS OF INSURANCE AND TAKAFUL INDUSTRIES IN MALAYSIA	171
Chapter 27	ANALYSIS OF DATA USING MULTILEVEL MODELLING WITH MLwiN	179
Chapter 28	FINANCIAL PERFORMANCE OF ISLAMIC BANKING AND CONVENTIONAL BANKING IN MALAYSIA	186
Chapter 29	A STUDY ON THE EFFECT OF PUBLICATION BIAS IN META ANALYSIS	194
Chapter 30	RATIO ANALYSIS: BANK ISLAM MALAYSIA BERHAD (BIMB) & MALAYAN BANKING BERHAD (MAYBANK)	201
Chapter 31	AN ANALYSIS OF MALAYSIAN UNIT TRUST FUNDS: ISLAMIC VS CONVENTIONAL	207

## **Part III Optics Concentration**

Chapter 32	QUANTUM TRAJECTORY METHOD USING MPI PARALLEL COMPUTING	214
Chapter 33	LINEAR WAVE PROPAGATION IN SINGLE MODE OPTICAL FIBRE	220
Chapter 34	THE OPTICAL RAY TRACING TECHNIQUE IN LENS SYSTEM WITHIN AND BEYOND PARAXIAL APPROXIMATION	226
Chapter 35	WAVE PROPAGATION IN NONLINEAR AND HOMOGENEOUS MEDIA: KERR MEDIA	234
Chapter 36	MATRIX METHODS OF OPTICAL RESONATORS	240

# ISLAMIC PAWNBROKING (AR-RAHNU) AS A MICRO CREDIT INSTRUMENT IN MALAYSIA

Khalilah Ghazali  
Assist. Prof. Dr. Mohd Aminul Islam

**Abstract.** *With the growth of Islamic financing in Malaysia and the increasing demand for micro financing products, the market for Islamic microfinance products is expected to expand rapidly. This project paper examines the Islamic Pawn broking (Ar-Rahnu) service as an alternative microcredit instruments in the financial system. The paper tries to points out the effectiveness of Ar-Rahnu scheme as one of the financing tools to uplift the economic and social status of the society. For this purposes, the functions of Ar-Rahnu, the poverty trends in Malaysia, the advantages of Ar-Rahnu as compared to the conventional pawn broking, and the performance of Ar-Rahnu in Malaysia has been discussed. In addition, a survey has been conducted on several Ar-Rahnu shops around Kuantan. This is to analyze its potential impact as a microcredit instrument on the economic and social status of the participant in this scheme. Result from survey shows evidence that Ar-Rahnu scheme has benefited the participants. The study also reveals that Ar-Rahnu service among the society is gaining popularity overtime. This indicates that the service can be used as an alternative microcredit tool based on Islamic principle to uplift the economic and social status of the people.*

## 1 Introduction

A survey has been conducted in selected Islamic pawn broking shops in Kuantan area. The survey was conducted through random distribution of questionnaire to the participants in this scheme. The objective of this survey is to get a brief picture on who are the people that normally use Ar-Rahnu scheme and whether this scheme really benefited them. Research respondents are customers of Ar-Rahnu X'Change (Bank Rakyat), Ar-Rahnu YaPEIM, and Ar-Rahn Permodalan Kelantan Berhad. Preparation of the questionnaires involved questions which are related to the socio-economic background of the participants and their opinion towards the effectiveness of pawn broking to improve the financial conditions of the participants.

Collected data are visualized with several kinds of charts like bar chart and column chart. The charts are constructed using Microsoft Excel. Analysis is made based on the data as well as the other available information.

## 2 Results and Discussions

### 2.1 Functions of Ar-Rahnu

There are several functions of Ar-Rahnu in the society. The first one is as a new business opportunity. Since Ar-Rahnu business is legal and in accordance with shariah, it will be one of the potential financial products. Nowadays, institutions like Permodalan Kelantan Berhad (PKB) as well as Bank Rakyat are trying to expand their business by promoting Ar-Rahnu franchise outlets. These institutions are not just gaining profits from this business; they also provide a form of welfare business to the society.