Profile Image

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PENSYARAH UNIVERSITI DS14

CONTACT

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FACULTY
Fakulti Ekonomi Dan Muamalat

SUPERVISION

	COMPLETED	ONGOING
PhD	3	0
Master	1	1

AREAS OF EXPERTISE

- Numerical Analysis
- Computational Simulation And Modelling
- Mathematics In Computational Finance

ACADEMIC QUALIFICATION

- 2015 **PhD** - Pure Mathematics
- 2010 **Master** - Numerical Analysis
- 2006 **Bachelor** - Mathematics

RESEARCH

1. **MADANI VALUES AND EDUCATION EXPENDITURE CHOICES OF MUSLIM FAMILIES IN NILAI**
   2025 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | CO-RESEARCHER

2. **ESTABLISHING A NUMERICAL SOLUTION FOR ISLAMIC ASSET PRICES USING A MULTISTEP-WAVELET ALGORITHM TO PROMOTE LONG TERM ECONOMIC STABILITY**
   2024 | GERAN KPT | ON GOING | MAIN RESEARCHER

3. **NUMERICAL APPROACH FOR ANALYZING ASSET PRICES**
   2023 | GERAN ANTARABANGSA | ON GOING | MAIN RESEARCHER

4. **STOCK MARKET INVESTMENT STRATEGY FOR FUNDAMENTAL INVESTORS AND DAILY TRADERS: WHO GAIN MORE PROFIT?**
   2023 | GERAN SEPADAN ANTARABANGSA | ON GOING | CO-RESEARCHER

5. **DEVELOPING A NEW CREDIT RISK EXPOSURE MODEL TO ILLUSTRATE FINANCIAL SUSTAINABILITY OPTION FOR CORPORATE FINANCING BY USING MONTE CARLO SIMULATION.**
   2023 | GERAN KPT | ON GOING | CO-RESEARCHER

RESEARCH

6. TAHAP KEFAHAMAN FILANTROFI ISLAM (KEDERMAWANAN) DALAM KALANGAN MASYARAKAT UNTUK MENGHADAPI PASCA COVID 19

2020 | GERAN PENYELIDIKAN COVID-19 | COMPLETED | CO-RESEARCHER

7. DEVELOPING A FRAMEWORK ON THE USE OF ROBO ADVISOR FOR THE ISLAMIC FINANCIAL PLANNING EDUCATION IN MALAYSIA

2020 | GERAN KPT | COMPLETED | CO-RESEARCHER

8. SOCIAL ENTERPRISE @ URBAN COMMUNITY (SE@UC) 2.0

2019 | GERAN PENYELIDIKAN AGENSI KERAJAAN | COMPLETED | CO-RESEARCHER

9. DEVELOPING A NEW EQUITY-BASED FINANCING MODEL BY USING EQUILIBRIUM FORMULATION TOWARDS ACHIEVING LONG-TERM SUSTAINABLE FINANCE.

2019 | GERAN KPT | COMPLETED | CO-RESEARCHER

10. THE STUDY OF DRUNKEN ABNORMAL HUMAN GAIT RECOGNITION USING ACCELEROMETERS IN MOBILE APPLICATION

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

11. USING AL-QURAN AND GAME KIT FOR ENTHUSIASTIC AND INTERACTIVE LEARNING IN ADDITIONAL MATHEMATICS CLASSROOM

2018 | GERAN PENYELIDIKAN HEADSTART PROGRAM | COMPLETED | CO-RESEARCHER

12. ADOPTING GAMIFICATION IN DELIVERING CRYPTOGRAPHY CONCEPT & IMAGING A TOUCHABLE 3D HOLOGRAPHIC DISPLAY FOR AUGMENTED REALITY: A PRACTICAL APPROACH FOR INTERACTIVE LEARNING

2018 | GERAN PENYELIDIKAN HEADSTART PROGRAM | COMPLETED | CO-RESEARCHER

13. THE INTENTION OF ISLAMIC ESTATE PLANNING PRACTICE AMONG MUSLIM BUSINESS OWNER

2018 | GERAN PENYELIDIKAN INDUSTRI | COMPLETED | CO-RESEARCHER

14. NUMERICAL SOLUTION FOR ISLAMIC PRICING OPTION USING A MODIFIED 2 POINT BLOCK BACKWARDS DIFFERENCE METHOD

2017 | GERAN KPT | COMPLETED | MAIN RESEARCHER

15. THE STOCHASTIC ASSET INVESTMENT MODEL FOR INSURER

2017 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

16. DO CITIZENS' RIGHT INFLUENCE THE PRODUCTIVITY OF DOMESTIC AND FOREIGN ISLAMIC BANKS? EMPIRICAL EVIDENCE FROM BRUNEI, INDONESIA AND MALAYSIA

2017 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

17. 'TAKAFUL KHAIRAT KEMATIAN' TO PREVENT FUNERAL POVERTY: FUNDAMENTAL ISSUE IN MALAYSIA

2017 | GERAN KPT | ON GOING | CO-RESEARCHER

PUBLICATION

1. HAAR WAVELET COLLOCATION METHOD FOR SOLVING BOUNDARY LAYER FLOW AND HEAT TRANSFER OVER A MOVING PLATE IN A CARBON NANOTUBES WITH MHD EFFECT

MATHEMATICAL MODELING AND COMPUTING

2025 | JOURNAL | SCOPUS | MAIN AUTHOR

2. THE IMPACT OF CAPITAL MARKET INSTRUMENTS ON MALAYSIAN ECONOMIC GROWTH

MALAYSIAN JOURNAL OF SCIENCE, HEALTH AND TECHNOLOGY

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

3. CASH TRAIL ADVENTURE: GAMIFIED LEARNING FOR NUMERACY, FINANCIAL LITERACY, AND ISLAMIC FINANCE IN THE 4IR ERA

NATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES 2025 (NCENT 2025)

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

4. EXPLORING FLOW STABILITY: INFLUENCE OF SLIP, SORET, AND DUFOUR ON CU-WATER NANOFLUID OVER A STRETCHING/SHRINKING SHEET

SEMARAK INTERNATIONAL RESEARCH INNOVATION SYMPOSIUM IV

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

5. ANALYZING MALAYSIAN STOCK INDICES PERFORMANCE USING ARIMA

DIGITAL HORIZONS: REIMAGINING BUSINESS IN THE TECH ERA

2025 | CHAPTER IN BOOK | CO-AUTHOR

6. ROBO-ADVISOR CAN PLAY A ROLE IN PROMOTING FINANCIAL KNOWLEDGE WITHIN SOCIETY

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 | JOURNAL | SCOPUS | CO-AUTHOR

7. THREE-WAY MERGER OF STATE-OWNED ISLAMIC BANKS: A SIMULATION APPROACH

GLOBAL BUSINESS AND MANAGEMENT RESEARCH: AN INTERNATIONAL JOURNAL

2024 | JOURNAL | ERA | CO-AUTHOR

8. AN ATTACK ON ELG-LUC3-ECC CRYPTOSYSTEM USING HASTAD?S AND JULTA?S THEOREM

MATHEMATICAL MODELING AND COMPUTING

2024 | JOURNAL | OTHER DATABASE | CO-AUTHOR

9. ASEAN-5 STOCK INDEXES PREDICTIONS USING GEOMETRIC BROWNIAN MOTION

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY (ARASET)

2024 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

10. COVID-19 FINANCIAL RELIEF SCHEME: AN ANALYSIS OF FINANCIAL LITERACY AND FINANCIAL ANXIETY AMONG MALAYSIAN POPULATION

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ECONOMICS AND FINANCE

2024 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

11. FINANCIAL LITERACY AND FINANCIAL ANXIETY IN MALAYSIA: DETERMINANTS AND BEHAVIOURAL INFLUENCES

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN EDUCATION AND SOCIETY

2024 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

PUBLICATION

12. MEAN-VARIANCE ANALYSIS OF SHARIAH AND NON-SHARIAH STOCKS MARKET IN MALAYSIA DURING THE PANDEMIC OF COVID-19

29TH NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM29)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

13. THE IMPACT OF CAPITAL MARKET INSTRUMENTS ON MALAYSIAN ECONOMIC GROWTH

KOLOKIUM SISWAZAH SAINS & TEKNOLOGI (KOSIST2024)

2024 PROCEEDING NON-INDEX CO-AUTHOR

14. THE ANALYSIS OF FINANCIAL LITERACY THAT INFLUENCES FINANCIAL ANXIETY AMONG MALAYSIANS

5TH INTERNATIONAL CONFERENCE ON MANAGEMENT, EDUCATION, SOCIAL SCIENCES AND INNOVATION 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

15. PROCEEDING OF THE 29TH NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM29): THEORY AND APPLICATIONS OF MATHEMATICAL SCIENCES

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK (SKSM29)

2024 PROCEEDING NON-INDEX CHIEF EDITOR

16. E-PROCEEDING INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE SAIS 2024 7TH EDITION FULL PAPER

2024 BOOK

17. MERGERS AND ACQUISITIONS IN ISLAMIC AND CONVENTIONAL BANKS OPPORTUNITIES AND CHALLENGES ADVANCES IN RESEARCH ON ISLAMIC ECONOMICS AND FINANCE

2024 BOOK

18. THE IMPACT OF BANK SIZE ON PRE-AND POST-MERGER AND ACQUISITION PERFORMANCE AND STABILITY: NEW EVIDENCE FROM GCC AND PAKISTAN

INTERNATIONAL JOURNAL OF PROFESSIONAL BUSINESS REVIEW

2023 JOURNAL SCOPUS CO-AUTHOR

19. YOUNG CONSUMER BEHAVIOR: FINANCIAL PRACTICES AMONG MALAYSIAN MUSLIM YOUTH

IRANIAN ECONOMIC REVIEW

2023 JOURNAL SCOPUS CO-AUTHOR

20. SECURITY ANALYSIS ON LUC-TYPE CRYPTOSYSTEMS USING COMMON MODULUS ATTACK

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2023 JOURNAL OTHER DATABASE CO-AUTHOR

21. HAAR WAVELET COLLOCATION METHOD FOR SOLVING STAGNATION POINT FLOW OVER A NONLINEARLY STRETCHING/SHRINKING SHEET IN A CARBON NANOTUBE WITH SLIP EFFECT

MATHEMATICAL MODELING AND COMPUTING

2023 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

22. NUMERICALLY INVESTIGATING THE EFFECTS OF SLIP AND THERMAL CONVECTIVE ON NANOFLUID BOUNDARY LAYER PAST A STRETCHING/SHRINKING SURFACE

MATHEMATICAL MODELING AND COMPUTING

2023 JOURNAL OTHER DATABASE MAIN AUTHOR

PUBLICATION

23. CRYPTOGRAPHY: DISCOVERY AWARENESS AMONG PERMATA INSAN COLLEGE STUDENT

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 | PROCEEDING | NON-INDEX | CORRESPONDING AUTHOR

24. E-PROCEEDINGS (FULL PAPER)

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2023: PENERAJU SAINS ISLAM DIPERSADA ANTARABANGSA

2023 | PROCEEDING | NON-INDEX | EDITOR

25. INTRODUCTION TO BUSINESS MATHEMATICS FOR ECONOMICS AND MUAMALAT: FUNDAMENTAL ALGEBRA

2023 | BOOK | MAIN AUTHOR

26. E-PROCEEDING BOOK, SEMINAR ANTARABANGSA ISLAM DAN SAINS 2023

2023 | BOOK

27. A GEOMETRIC BROWNIAN MOTION OF ASEAN-5 STOCK INDEXES

AI AND BUSINESS, AND INNOVATION RESEARCH: UNDERSTANDING THE POTENTIAL AND RISKS OF AI FOR MODERN ENTERPRISES

2023 | CHAPTER IN BOOK | CO-AUTHOR

28. MERGERS AND ACQUISITIONS IN ISLAMIC BANKING SECTOR: AN EMPIRICAL ANALYSIS ON SIZE EFFECT, MARKET STRUCTURE, AND OPERATIONAL PERFORMANCE

INTERNATIONAL JOURNAL OF FINANCIAL INNOVATION IN BANKING

2022 | JOURNAL | OTHER DATABASE | CO-AUTHOR

29. VARIABLE ORDER STEP SIZE METHOD FOR SOLVING ORBITAL PROBLEMS WITH PERIODIC SOLUTIONS

MATHEMATICAL MODELING AND COMPUTING

2022 | JOURNAL | SCOPUS | MAIN AUTHOR / CONTACT PERSON IN USIM

30. A BACKWARD DIFFERENCE FORMULATION FOR ANALYZING THE DYNAMICS OF CAPITAL STOCKS

MATHEMATICAL MODELING AND COMPUTING,

2022 | JOURNAL | SCOPUS | CORRESPONDING AUTHOR

31. AN ANALYSIS OF REGULATION AND GOVERNANCE FOR FUNERAL SOCIAL FUND IN MALAYSIA

AL-UQUD: JOURNAL OF ISLAMIC ECONOMICS

2022 | JOURNAL | OTHER DATABASE | CO-AUTHOR

32. THREE-POINT BLOCK ALGORITHM FOR APPROXIMATING DUFFING TYPE DIFFERENTIAL EQUATIONS

MATHEMATICS AND STATISTICS

2022 | JOURNAL | SCOPUS | CORRESPONDING AUTHOR

33. NUMERICAL ANALYSIS ON CHAOS ATTRACTORS USING A BACKWARD DIFFERENCE FORMULATION

MATHEMATICAL MODELING AND COMPUTING

2022 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

PUBLICATION

34. THE MEDIATION EFFECTS OF CAPITAL STRUCTURE: EVIDENCE FROM MALAYSIAN AND INDONESIAN ECONOMIC SECTORS

MATHEMATICAL STATISTICIAN AND ENGINEERING APPLICATIONS

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

35. E-PROCEEDING "SEMINAR ANTARABANGSA ISLAM DAN SAINS 2022: MEMIMPIN INTEGRASI ILMU NAQLI DAN AQLI"

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2022 (SAIS 2022)

2022 PROCEEDING NON-INDEX EDITOR

36. E-PROSIDING SEMINAR PENGANTARABANGSAAN PENDIDIKAN TINGGI 2022 (SPPT 2022)

SEMINAR PENGANTARABANGSAAN PENGAJIAN TINGGI 2022 (SPPT 2022)

2022 PROCEEDING OTHER DATABASE CO-EDITOR

37. MEAN-VARIANCE ANALYSIS OF SHARIAH AND NON- SHARIAH STOCKS MARKET IN MALAYSIA DURING THE PANDEMIC OF COVID-19

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK KE-29 (SKSM29)

2022 PROCEEDING SCOPUS CORRESPONDING AUTHOR

38. STOCK RETURN VOLATILITY DURING SARS AND COVID-19: COMPARISON BETWEEN MALAYSIA AND CHINA'S STOCK MARKETS

THE 5TH INNOVATION AND ANALYTICS CONFERENCE & EXHIBITION (IACE 2021)

2022 PROCEEDING SCOPUS MAIN AUTHOR

39. MINECRAFT-ED: LEARN ADDITIONAL MATHEMATICS VIA AN INTERACTIVE APPROACH

INTERNATIONAL COMPETITION AND EXHIBITION ON COMPUTING INNOVATION (ICE-CINNO) 2022

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

40. E-PROCEEDING SAIS 2022 SEMINAR ANTARABANGSA ISLAM DAN SAINS 2022,

2022 BOOK EDITOR

41. E-PROSIDING SEMINAR PENGANTARABANGSAAN PENDIDIKAN TINGGI 2022

2022 BOOK CO-EDITOR

42. TWO-POINT BLOCK VARIABLE ORDER STEP SIZE MULTISTEP METHOD FOR SOLVING HIGHER ORDER ORDINARY DIFFERENTIAL EQUATIONS DIRECTLY

JOURNAL OF KING SAUD UNIVERSITY - SCIENCE

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

43. A CUBIC EL-GAMAL ENCRYPTION SCHEME BASED ON LUCAS SEQUENCE AND ELLIPTIC CURVE

ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

44. APPROXIMATING NON LINEAR HIGHER ORDER ODES BY A THREE POINT BLOCK ALGORITHM

PLOS ONE

2021 JOURNAL ISI, SCOPUS AND ERA MAIN AUTHOR / CONTACT PERSON IN USIM

PUBLICATION

45. NUMERICAL SOLUTION FOR DUFFING-VAN DER POL OSCILLATOR VIA BLOCK METHOD

ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL

2021 JOURNAL SCOPUS MAIN AUTHOR

46. ANALYSIS OF CLAIM RATIO, RISK-BASED CAPITAL AND VALUE-ADDED INTELLECTUAL CAPITAL: A COMPARISON BETWEEN FAMILY AND GENERAL TAKAFUL OPERATORS IN MALAYSIA

INTERNATIONAL CONFERENCE OF COMPUTING, MATHEMATICS & STATISTICS (ICMS2021

2021 PROCEEDING NON-INDEX CO-AUTHOR

47. FINANCIAL LEVERAGE AND FINANCIAL PERFORMANCE IN THE TERTIARY SECTOR: PARTIAL LEAST SQUARE-MULTI-GROUP ANALYSIS (PLS-MGA)

INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND TECHNOLOGY

2020 JOURNAL ERA CO-AUTHOR

48. SECURITY ANALYSIS ON ELLIPTIC CURVE CRYPTOSYSTEM BASED ON SECOND ORDER LUCAS SEQUENCE USING FAULTS BASED ATTACK

ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

49. NUMERICAL SOLUTION OF NONLINEAR FREDHOLM AND VOLTERRA INTEGRALS BY NEWTON?KANTOROVICH AND HAAR WAVELETS METHODS

SYMMETRY

2020 JOURNAL SCOPUS MAIN AUTHOR

50. ON THE SECURITY COMPARISON OF LUC-TYPE CRYPTOSYSTEMS USING CHOSEN MESSAGE ATTACK

ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

51. ON THE UNIFORM SUMMABILITY OF THE FOURIER-LAPLACE SERIES ON THE SPHERE

JOURNAL OF PHYSICS: CONFERENCE SERIES

2020 JOURNAL SCOPUS MAIN AUTHOR

52. NUMERICAL APPROXIMATION OF RICCATI TYPE DIFFERENTIAL EQUATIONS

ASM SCIENCE JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

53. SOLVING DUFFING TYPE DIFFERENTIAL EQUATIONS USING A THREE-POINT BLOCK VARIABLE ORDER STEP SIZE METHOD

JOURNAL OF PHYSICS.: CONFERENCE SERIES

2019 JOURNAL SCOPUS MAIN AUTHOR

54. NUMERICAL INTEGRATION OF FUNCTIONS FROM HOLDER CLASSES HS [0, 1] BY LINEAR LEGENDRE MULTI WAVELETS

JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2019 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

55. ON THE INSECURITY OF GENERALIZED (RIVEST-SHAMIR-ADLEMAN) - ADVANCE AND ADAPTABLE CRYPTOSYSTEM

JOURNAL OF PHYSICS: CONFERENCE SERIES

2019 JOURNAL SCOPUS CO-AUTHOR

56. USING GAME KIT FOR ENTHUSIASTIC AND INTERACTIVE LEARNING IN ADDITIONAL MATHEMATICS CLASSROOM

JOURNAL OF EDUCATION AND SOCIAL SCIENCES

2019 JOURNAL OTHER DATABASE CO-AUTHOR

57. EFFICIENT QUADRATURE RULES FOR NUMERICAL INTEGRATION BASED ON LINEAR LEGENDRE MULTI-WAVELETS

JOURNAL OF PHYSICS: CONFERENCE SERIES

2019 JOURNAL SCOPUS CO-AUTHOR

58. MATHEMATICAL MODELING AND SIMULATION OF THE COUPLED STRAIN SPACE THERMOPLASTICITY PROBLEMS

JOURNAL OF PHYSICS.: CONFERENCE SERIES

2019 JOURNAL SCOPUS CO-AUTHOR

59. CRYPTOGRAPHIC ATTACK ON LUC-TYPE CRYPTOSYSTEMS USING GMITM (TYPE 1)

JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS - JARDCS

2019 JOURNAL SCOPUS CO-AUTHOR

60. EXTENDED BOUNDS OF BEATTY SEQUENCE ASSOCIATED WITH PRIMES

INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY

2019 JOURNAL SCOPUS CO-AUTHOR

61. ANALYSING AND FORECASTING SHARE PRICE INDEX IN MALAYSIA

JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE

2019 JOURNAL ERA CO-AUTHOR

62. A NON-LINEAR STOCHASTIC CONSOLS YIELD MODEL OF MALAYSIA

ASM JOURNAL

2019 JOURNAL SCOPUS CO-AUTHOR

63. APPROXIMATION OF IMPROPER INTEGRAL BASED ON HAAR WAVELETS

JOURNAL OF MULTIDIREVIEWERSCIPLINARY ENGINEERING SCIENCES AND TECHNOLOGY (JMEST)

2019 JOURNAL OTHER DATABASE CO-AUTHOR

64. CHAPTER 19 CONVOLUTION OF NON-DIFFERENTIABLE FUNCTION

NATURAL RESOURCES AND BIODIVERSITY

2019 CHAPTER IN BOOK CO-AUTHOR

65. CHAPTER 14 VARIABLE ORDER STEP SIZE ALGORITHM FOR SOLVING SECOND ORDER ODES

EMBRACING MATHEMATICAL DIVERSITY

2019 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

66. CHAPTER 12 APPROXIMATE INTEGRALS BASED ON LINEAR LEGENDRE-MULTI WAVELETS

EMBRACING MATHEMATICAL DIVERSITY

2019 CHAPTER IN BOOK CO-AUTHOR

67. CHAPTER 18 COMPOSITE AND INVERSE FUNCTION OF RECURRENCE SEQUENCE BASED ON QUARTIC POLYNOMIAL

NATURAL RESOURCES AND BIODVERSITY

2019 CHAPTER IN BOOK CO-AUTHOR

68. SUMMATION BY RIESZ MEANS OF THE FOURIER-LAPLACE SERIES

FILOMAT

2018 JOURNAL WOS MAIN AUTHOR

69. SOLUTION FOR NONLINEAR RICCATI EQUATION BY BLOCK METHOD

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

70. ORDER AND STABILITY OF 2-POINT BLOCK BACKWARD DIFFERENCE METHOD

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS CO-AUTHOR

71. NUMERICAL INTEGRATION BASED ON LINEAR LEGENDRE MULTI WAVELETS

JOURNAL OF PHYSICS: CONF. SERIES

2018 JOURNAL SCOPUS CO-AUTHOR

72. THE WILKIE MODEL: A COMPARISON OF THE DISCRETE-TIME WITH THE CONTINUOUS-TIME

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS CO-AUTHOR

73. AN APPLICATION OF THE WILKIE MODEL IN ANALYSING SHARE PRICE INDEX IN MALAYSIA

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS CO-AUTHOR

74. WHY PREPARING AN EMERGENCY FUND IS MATTER TO YOUNG ADULTS?

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

75. RISK SHIFTING ELIMINATION AND RISK SHARING EXPOSURE IN EQUITY-BASED FINANCING?A THEORETICAL EXPOSITION

MANAGERIAL FINANCE

2018 JOURNAL WOS CO-AUTHOR

76. A NUMERICAL SOLUTION FOR DUFFING-VAN DER POL OSCILLATORS USING A BACKWARD DIFFERENCE FORMULATION

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

77. A BACKWARD DIFFERENCE FORMULATION FOR SOLVING DOFFING-VAN DER POL TYPE OSCILLATORS

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

78. A NUMERICAL SOLUTION FOR DUFFING-VAN DER POL OSCILLATORS USING A BACKWARD DIFFERENCE FORMULATION

INTERNATIONAL CONFERENCE ON APPLIED SCIENCE AND TECHNOLOGY 2018

2018 PROCEEDING NON-INDEX MAIN AUTHOR

79. AN APPLICATION OF THE WILKIE MODEL IN ANALYSING SHARE PRICE INDEX IN MALAYSIA

INTERNATIONAL CONFERENCE ON APPLIED SCIENCE AND TECHNOLOGY 2018

2018 PROCEEDING NON-INDEX CO-AUTHOR

80. ON THE LEBESGUE CONSTANTS OF FOURIER-LAPLACE SERIES BY RIESZ MEANS

JOURNAL OF PHYSICS

2017 JOURNAL WOS MAIN AUTHOR

81. ON THE EQUICONVERGENCE OF THE FOURIER SERIES AND THE FOURIER INTEGRAL

JOURNAL OF PHYSICS

2017 JOURNAL WOS CO-AUTHOR

82. ABSENCE OF LOCALIZATION OF FOURIER-LAPLACE SERIES

AMERICAN INSTITUTE OF PHYSICS (AIP)

2017 JOURNAL SCOPUS MAIN AUTHOR

83. UNIFORM CONVERGENCE OF THE FOURIER-LAPLACE SERIES

AMERICAN INSTITUTE OF PHYSICS (AIP)

2017 JOURNAL SCOPUS MAIN AUTHOR

84. SOLUTION FOR NONLINEAR DUFFING OSCILLATOR USING VARIABLE ORDER VARIABLE STEPSIZE BLOCK METHOD

MATEMATIKA

2017 JOURNAL WOS MAIN AUTHOR

85. APPROXIMATING OF FUNCTIONS FROM HOLDER CLASSES H? [0, 1] BY HAAR WAVELETS

JOURNAL OF PHYSICS: CONFERENCE SERIES

2017 JOURNAL WOS CO-AUTHOR

86. DOES EMERGENCY FUND PROVISION IS JUST ABOUT SAVING? : A CONCEPTUAL PAPER

INTERNATIONAL JOURNAL OF ART AND HUMANITIES

2017 JOURNAL SSCI CO-AUTHOR

87. VARIABLE ORDER VARIABLE STEPSIZE ALGORITHM FOR SOLVING NONLINEAR DUFFING OSCILLATOR

JOURNAL OF PHYSICS: CONF. SERIES

2017 JOURNAL WOS MAIN AUTHOR

PUBLICATION

88. BLOCK VARIABLE ORDER STEP SIZE METHOD FOR SOLVING HIGHER ORDER ORBITAL PROBLEMS

AMERICAN INSTITUTE OF PHYSICS (AIP) PROCEEDINGS

2017 JOURNAL SCOPUS MAIN AUTHOR

89. THE USE OF A METABOLIC DISORDER INDEX AS A PREDICTOR FOR METABOLIC ELIMINATIONS IN ENDURANCE HORSES

JOURNAL OF EQUINE VETERINARY SCIENCE

2017 JOURNAL WOS CO-AUTHOR

90. ASYMPTOTIC FORMULA FOR THE RIESZ MEANS OF THE SPECTRAL FUNCTIONS OF LAPLACE-BELTRAMI OPERATOR ON UNIT SPHERE

JOURNAL OF PHYSICS: CONF. SERIES

2017 JOURNAL WOS MAIN AUTHOR

91. BLOCK VARIABLE ORDER STEP SIZE METHOD FOR SOLVING HIGHER ORDER ORBITAL PROBLEMS

PROCEEDINGS OF THE 13TH IMT-GT INTERNATIONAL CONFERENCE ON MATHEMATICS, STATISTICS AND THEIR APPLICATIONS (ICMSA2017)

2017 PROCEEDING NON-INDEX MAIN AUTHOR

92. SOLUTION FOR NONLINEAR RICCATI EQUATION BY BLOCK METHOD

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK 25

2017 PROCEEDING NON-INDEX MAIN AUTHOR

93. ORDER AND STABILITY OF 2-POINT BLOCK BACKWARD DIFFERENCE METHOD

SIMPOSIUM KEBANGSAAN SAINS MATEMATIKE KE 25

2017 PROCEEDING NON-INDEX CO-AUTHOR

94. THE WILKIE MODEL: A COMPARISON OF THE DISCRETE-TIME WITH THE CONTINUOUS-TIME

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK 25

2017 PROCEEDING NON-INDEX CO-AUTHOR

95. 2 POINT BLOCK BACKWARD DIFFERENCE METHOD FOR SOLVING RICCATI TYPE DIFFERENTIAL PROBLEMS

AIP CONFERENCE PROCEEDINGS

2016 JOURNAL SCOPUS MAIN AUTHOR

96. THE SOLUTION OF RICCATI TYPE DIFFERENTIAL EQUATION BY MEANS OF VARIABLE ORDER VARIABLE STEPSIZE BACKWARD DIFFERENCE METHOD

JOURNAL OF SOFT COMPUTING AND APPLICATIONS

2016 JOURNAL SCI MAIN AUTHOR

97. ON THE LEBESGUE CONSTANTS OF FOURIER-LAPLACE SERIES BY RIESZ MEANS

37TH INTERNATIONAL CONFERENCE ON QUANTUM PROBABILITY AND RELATED TOPICS

2016 PROCEEDING NON-INDEX MAIN AUTHOR

98. UNIFORM CONVERGENCE OF THE FOURIER-LAPLACE SERIES

4RD INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES (ICMS4)

2016 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

99. ABSENCE OF LOCALIZATION OF FOURIER-LAPLACE SERIES

4TH INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES (ICMS4)

2016 PROCEEDING NON-INDEX MAIN AUTHOR

100. ON THE EQUICONVERGENCE OF THE FOURIER SERIES AND THE FOURIER INTEGRAL

37TH INTERNATIONAL CONFERENCE ON QUANTUM PROBABILITY AND RELATED

2016 PROCEEDING NON-INDEX CO-AUTHOR

101. ON THE WEAK LOCALIZATION PRINCIPLE OF THE EIGENFUNCTION EXPANSIONS OF THE LAPLACE-BELTRAMI OPERATOR BY RIESZ METHOD

MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES

2015 JOURNAL SCOPUS MAIN AUTHOR

102. SOLVING NONSTIFF HIGHER ORDER ODES USING VARIABLE ORDER STEP SIZE BACKWARD DIFFERENCE DIRECTLY

MATHEMATICAL PROBLEMS IN ENGINEERING

2014 JOURNAL WOS MAIN AUTHOR

103. SOLVING NONSTIFF HIGHER-ORDER ORDINARY DIFFERENTIAL EQUATIONS USING 2-POINT BLOCK METHOD DIRECTLY HAZIZAH MOHD IJAM,1 MOHAMED SULEIMAN,2 AHMAD FADLY

ABSTRACT AND APPLIED ANALYSIS

2014 JOURNAL SCOPUS CO-AUTHOR

104. LOCALIZATION OF FOURIER-LAPLACE SERIES OF DISTRIBUTIONS

MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES

2013 JOURNAL SCOPUS MAIN AUTHOR

105. ON THE SUFFICIENT CONDITIONS OF THE LOCALIZATION OF THE FOURIER-LAPLACE SERIES OF DISTRIBUTIONS FROM LIOUVILLE CLASSES

JOURNAL OF PHYSICS.: CONF. SER

2013 JOURNAL SCOPUS MAIN AUTHOR

106. SOLUTION OF HIGHER ORDER ODES USING BACKWARDS DIFFERENCE METHOD

MATHEMATICAL PROBLEMS IN ENGINEERING

2011 JOURNAL WOS CO-AUTHOR

CONSULTATION

1. MATHEMATICAL EDUCATION

BEIJING WUZI UNIVERSITY

2022 INTERNATIONAL

AWARDS/RECOGNITION

1. EXPLORING FLOW STABILITY: INFLUENCE OF SLIP, SORET, AND DUFOUR ON CU-WATER NANOFLUID OVER A STRETCHING/SHRINKING SHEET

Semarak International Research Innovation Symposium IV (SIRIS IV)

2025 ANTARABANGSA GOLD

2. ANUGERAH KECEMERLANGAN STAF

2024 UNIVERSITY

3. BRONZE MEDAL

2024 NATIONAL

4. ACADEMIC ADVISOR

USIM-KPT

2024 NATIONAL

5. ACADEMIC ADVISOR

USIM-KPT

2024 NATIONAL

6. ACADEMIC ADVISOR

USIM-KPT

2024 NATIONAL

7. ACADEMIC ADVISOR

USIM-KPT

2024 NATIONAL

8. MATHQUEST: EMPOWERING COMMUNITY WITH NUMERACY SKILLS FOR FINANCIAL CONFIDENCE

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI GOLD

9. MASTERING SECURITY TERMS THROUGH BOARD GAME

EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN SILVER

10. ANUGERAH KUALITI H-INDEX (SCOPUS)

2022 UNIVERSITY

11. ANUGERAH KUALITI MAKALAH JURNAL

2022 UNIVERSITY

12. ANUGERAH KUALITI MAKALAH JURNAL

2022 UNIVERSITY

13. ANUGERAH PERKHIDMATAN CEMERLANG

2022 UNIVERSITY

AWARDS/RECOGNITION

14. ACADEMIC ADVISOR

4TH INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND STATISTICS, UNIVERSITI PUTRA MALAYSIA

2022 INTERNATIONAL

15. SOLVING NONSTIFF HIGHER ORDER ODES DIRECTLY USING VARIABLE ORDER STEP SIZE BACKWARD DIFFERENCE FORMULATION

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI BRONZE

16. ILLUSTRATIVE CALCULUS FOR BEGINNERS

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

17. MINECRAFT-ED LEARN ADDITIONAL MATHEMATUCS VIA AN INTERACTIVE APPROACH

INTERNATIONAL COMPETITION AND EXHIBITION ON COMPUTING INNOVATION 2022 (iCE-CInno 2022)

2022 ANTARABANGSA GOLD

18. ALTERNATIVE ASSESSMENT FOR ADDITIONAL MATHEMATICS AND ENGLISH SUBJECTS IN SCHOOL

INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING ADN LEARNING 2022 (PICTL 2022)

2022 ANTARABANGSA SILVER

19. ANUGERAH PENERBITAN JURNAL

2021 UNIVERSITY

20. ILLUSTRATIVE CALCULUS FOR BEGINNERS

PERTANDINGAN INOVASI INTER-ASASI MATRIKULASI UNIVERSITI AWAM (PIITRAM 2021)

2021 KEBANGSAAN GOLD

21. ILLUSTRATIVE CALCULUS FOR BEGINNERS

International Putra InnoCreative Poster Competiiton PicTL 2021

2021 ANTARABANGSA SILVER

22. MURABBI INTERACTIVE ACADEMIC RESUME

PENDAFTARAN HARTA INTELEK 2021

2021 KEBANGSAAN

23. BACKWARD DIFFERENCE FIXED ORDER AND STEPSIZE ALGORITHM

PENDAFTARAN HARTA INTELEK 2021

2021 KEBANGSAAN

24. ACADEMIC ADVISOR

INTERNATIONAL ONLINE STEM OLYMPIAD - ORGANIZED BY INTERNATIONAL GAME COLLEGE AND UNIVERSITY OF WISSEN

2020 INTERNATIONAL

25. UWP JOURNAL WRITER AWARD

2019 UNIVERSITY

AWARDS/RECOGNITION

26. **UWP JOURNAL WRITER AWARD**

2017 UNIVERSITY