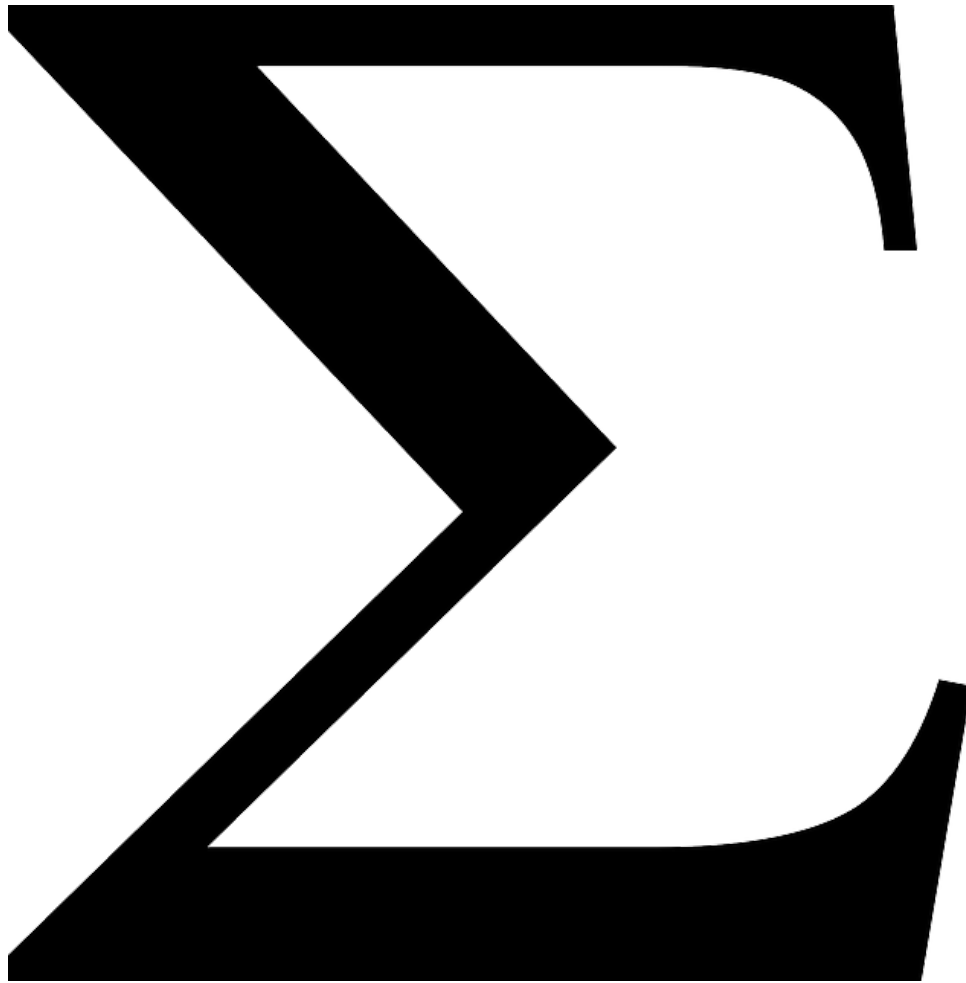


2018



$\Upsilon=1988$

CURRICULUM VITAE

ASSOC. PROF. DR. ALI HASSAN MOHAMED MURID

DEPARTMENT OF MATHEMATICAL SCIENCES
FACULTY OF SCIENCE
UNIVERSITI TEKNOLOGI MALAYSIA

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PERSONAL DETAILS

Name : Assoc. Prof. Dr. Ali Hassan Mohamed Murid

Correspondent Address : Department of Mathematical Sciences, Faculty of Science, UTM

Tel : (Office) 07-5534245, (Fax): 07-5566162

E-mail : alihassan@utm.my

Website : <http://science.utm.my/alihassan>

Expertise : Applied and Computational Complex Analysis

- Complex Analysis: Theoretical and numerical aspects of conformal mapping of multiply connected regions via integral equations techniques.
- Complex Boundary Value Problems: Complex variables and integral equation methods for solving Riemann-Hilbert problem and Laplace's equation with Dirichlet condition, Neumann condition, mixed Dirichlet-Neumann condition in multiply connected regions.

ACADEMIC QUALIFICATIONS

Year	1997	:	Ph.D. (Mathematics) Universiti Teknologi Malaysia (Boundary Integral Equation Approach for Numerical Conformal Mapping, Supervisor: Prof. Dr. Mohd. Rashidi Md. Razali, UTM; Co-supervisor: Prof. Dr. M. Zuhair Nashed, University of Delaware, USA)
Year	1988	:	Diploma Lepas Ijazah (Education) Universiti Teknologi Malaysia
Year	1986	:	M.Sc. (Applied Mathematics) Iowa State University, Ames, Iowa, USA
Year	1983	:	B. Sc. (Mathematics) Iowa State University, Ames, Iowa, USA

AWARDS AND HONORS RECEIVED

- Sabbatical Leave : 1 November 2002 hingga 31 Julai 2003, UTM. Penulisan modul pengajaran bertajuk "Complex Variables".
- 23 Oktober 2003 : Menerima Anugerah Perkhidmatan Cemerlang UTM Tahun 2002.
- 1 September 2004 : Menerima Anugerah Perkhidmatan Cemerlang UTM Tahun 2003.
- 23 Februari 2005 : Pencapaian cemerlang dalam pengajaran SSM2223 (Kalkulus II), Seksyen 7, Semester I Sesi 2004/2005.
- 1 Ogos 2006 : Anugerah Buku Karya Asli Sains & Kejuruteraan: B. Melayu (Hadiah Penghargaan) pada Majlis Anugerah Kecemerlangan & Penghargaan UTM 2005.
- : Pemenang Anugerah PERSAMA Tahun 2005: Kategori Buku (Karya Asli) untuk buku bertajuk Diagnostik & Pemulihan Kesalahan Lazim bagi Beberapa Tajuk Matematik sekolah Menengah (Penerbit UTM).
- 15 Mei 2008 : Penerima Anugerah Perkhidmatan Cemerlang, Majlis Anugerah Kecemerlangan & Penghargaan UTM 2007.
- 23 November 2009 : Penerima Anugerah Jasa Bakti 2008, Majlis Sanjungan Budi 2009, UTM.
- 8 Disember 2010 : Penerima Penghargaan Khas, Anugerah PERSAMA 2010 sebagai Editor Buletin PERSAMA, Persatuan Sains Matematik Malaysia.
- 6 November 2013 : i) Penerima Penghargaan Khas, Anugerah PERSAMA 2013 sebagai Editor Buletin PERSAMA, Persatuan Sains Matematik Malaysia.
- ii) Penghargaan Saguhati Kategori Makalah Ilmiah untuk penerbitan bertajuk "Numerical Conformal Mapping of Unbounded Multiply Connected Regions onto Circular Slit Regions" (bersama Arif Asraf Mohd Yunus), Persatuan Sains Matematik Malaysia.
- 2 October 2014 : Pingat Gangsa, 16th Industrial Art and Technology Exhibition (INATEX 2014), UTM.
- 4-6 Disember 2015 : Pingat Gangsa, Ekspo Penyelidikan dan Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA 2015).

- Sabbatical Leave : 1 Oktober 2015 – 29 Februari 2016, UTM & Oxford University.
 “Mathematical Modeling And Optimization of Biological Wastewater Treatment”
- 27 September 2016 : Penghargaan Saguhati Kategori Rekacipta Matematik untuk produk bertajuk “Graphical User Interface for Conformal Mapping-Based Image Processing”, Persatuan Sains Matematik Malaysia.
- 26 – 31 October 2018 : Selected as Jury member, Al-Khwarizmi International Mathematics Olympiad competition, 26 – 31 October 2018, Urgench City, Uzbekistan. Sponsored by Uzbekistan State World Languages University, Tashkent, Uzbekistan.

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

- i) 1984 - 1986: Teaching Assistant, Dept. of Mathematics, Iowa State University, USA.
- ii) 1988 - 2000: Lecturer, Department of Mathematical Sciences, Faculty of Science, UTM.
- iii) 2001 – present: Associate Professor, Department of Mathematical Sciences, Faculty of Science, UTM.
- iv) June 2009 – May 2011: Chairman of Mathematics Programme, Ibnu Sina Institute of Fundamental Science Studies, UTM.
- v) Jan 2013 – 31 Sept 2018: Research Fellow, UTM Centre for Industrial and Applied Mathematics (UTM-CIAM), Ibnu Sina Institute for Scientific and Industrial Research, UTM.
- vi) Associate Editor, Bulletin of the Malaysian Mathematical Society, 16 Jun 2003 – present.
- vii) Editorial Board Member, Jurnal MATEMATIKA, UTM, 23 April 2008 – 2016.
- viii) Editor-in-Chief, Jurnal MATEMATIKA, UTM, 1 Jan. 2017 – 31 Dec. 2018.
- ix) Editorial Board Member, Journal of Fundamental Sciences, UTM, Jun 2009 – 31.3.2013.
- x) Editorial Board Member, Jurnal Teknologi: Siri C, 25.2.2009 - 10.2.2012.
- xi) Life Member, Malaysian Mathematical Sciences Society, since year 1993.
- xii) Member, American Mathematical Society, since year 1996.
- xiii) Member, UTM Academic Staff Association, since year 1994, Membership no.: 840
- xiv) Selected as Jury member, Al-Khwarizmi International Mathematics Olympiad Competition, 26 – 31 October 2018,

ADMINISTRATIVE EXPERIENCE

FACULTY LEVEL

- 10.1989 - 11.1989 : Committee on Mathematics Expo in conjunction with UTM convocation (8-10 December 1989), Dept. of Mathematics.
- 1989 - 1992 : Committee on Seminar and Writing, Dept. of Mathematics.
- 3.1990 - 8.1990 : Secretary on Technical Papers for The International Islamic Countries Conference on Statistical Sciences (26-30 August 1990) at UTM, Dept. of Mathematics.
- 5.1990 - 8.1990 : Committee on Printing for The International Islamic Countries Conference on Statistical Sciences (26-30 August 1990) at UTM, Dept. of Mathematics.
- 12.1992 - 11.1993 : Committee on Mathematics Module Editing for First Year Common.
- 17.12.1998 - 1.6.2002: Member, Committee on Mathematics Forum, Dept. of Mathematics, Faculty of Science
- 1.12.1998 - 30.11.2000: Committee on the Business Process of Faculty of Science, UTM
- 1.1.1998 - 31.12.2000, : Committee on Writing and Publication, Faculty of Science
14.3.2001 - 26.3.2008
- 1.6.1998 - 1.6.2002 : Chairman on Seminar and Writing, Dept. of Mathematics
- 17.12. 1998 - 16.12.2000: Committee on Mathematics Forum, Dept. of Mathematics, 1.6.2000 - 1.6.2002.
- 12.7. 1999 - 30.8.2002: Committee on Publication of MATEMATIKA Journal
- 28.6. 1999 - 1.6.2002: Committee on Industrial Mathematics Programme, Dept. of Mathematics
- 12.2. 2001 - 12.2.2003: Committee on Mathematical Sciences Research, Dept. of Mathematics
7. 2001 - 8.2001 : Committee on Announcement and Promotion, One-Day Mathematics Colloquium: The Power of Mathematical Thinking
7. 2001 - 8.2001 : Committee on Equipment, One-Day Mathematics Colloquium: The Power of Mathematical Thinking

13.3. 2001 - 26.3.2008: Committee of Penerbitan Fakulti Sains
14.6.2002 - 31.10.2002, : Head, Applied Mathematics Panel, Dept. of Mathematics,
21.8.2003 - 18.7.2006 Faculty of Science

1.6.2002 - 31.10.2002, : Member, Graduate Study Committee, Dept. of Mathematics,
1.6.2004 - Jun 2006. Faculty of Science

1.6.2004 - 16.4.2008 : Member, Jawatankuasa Pengajian Jabatan Matematik.

1.11.2004 - 31.10.2006: Member, Jawatankuasa Kumpulan Fokus Sains &
Matematik UTM

7.9. 2004 - 16.9.2006 : Member, Jawatankuasa Kemahiran Generik Jabatan Matematik

1.3.2005 - 29.2.2007 : Member, Jawatankuasa Program Matematik Institut Ibnu Sina.

9.8. 2005 - 8.8.2006 : Member, Jawatankuasa Penerapan OBE (Outcome-Based
Education) Jabatan Matematik.

29.12.2005 - 28.12.2006: Member, Jawatankuasa Jaminan Kualiti Program
Matematik.

19.1. 2006 - 18.1.2008: Ahli, Jawatankuasa Penerbitan Jabatan Matematik.

16.6. 2006 - 16.4.2008: Ketua, Unit Penerbitan Jabatan Matematik.

12.2.2007 - 11.2.2009: Ahli Editor, Jawatankuasa Buletin Fakulti Sains

24.5.2007 - selesai : Ahli, Jawatankuasa Laporan Jabatan Matematik 2007

16.2.2007 - 2.2009 : Ketua Pengarang, Forum Matematik.

15.1.2008-14.11.2009: Felo Penyelidik, Institut Kajian Sains Fundamental Ibnu Sina,
UTM

12.2008 - 31.12.2009 : Pengerusi, Jawatankuasa Penyelidikan Matematik.

26.2. 2009 –31.12.2012: Ahli, Jawatankuasa Pengajian Siswazah, Fakulti Sains.

1.6.2009 - 31.5.2011 : Pengerusi, Program Matematik, Institut Ibnu Sina.

1.7.2011 - 31.12.2011: Ahli, Jawatankuasa Pengurusan dan Akademik.

5.8.2011 - 31.12.2011: Pengerusi, Program Penyelidikan (Matematik).

3.10.2011 - 2.10.2013: Ahli, Jawatankuasa Penyelidikan IIS.

6.1.2012 - 31.12.2012: Ahli, Jawatankuasa Pengajian Siswazah Jabatan Sains

- Matematik.
- 1.1. 2012 - 31.12.2012: Ahli, Jawatankuasa Pengurusan dan Akademik Jabatan Matematik.
- 1.11.2012-31.12.2012: Ahli, jawatankuasa Program Penyelidikan Matematik, Pengajian Siswazah Jabatan Sains Matematik.
- 1.1.2013 - 6.3.2013 : Pengerusi, Penyelaras Program Penyelidikan Matematik Pengajian Siswazah Jabatan Sains Matematik.
- 1.8.2016-31.12.2016 : Ahli Jawatankuasa Penggubal Soalan Olimpiad Matematik Universiti Awam (OHUA) Fakulti Sains 2016.
- 8.8.2016-31.12.2016 : Committee of One-Day High Impact Publication Workshop, Faculty of Science, UTM
- 20.10.2016-31.12.2016: Committee of Review Paper Writing workshop, Faculty of Science, UTM
- 10/07/2017 : Task Force Simon Marais Mathematics Competition, Faculty of Science, UTM
- 1/10/18-2/11/18 : Taskforce First Al-Khwarizmi International Mathematics Olympiad (AKHIMO 2018)

UNIVERSITY LEVEL

- 1.1.1998 - 6.11.1998 : Committee on Mathematics Specialists for the Encyclopedia of Science and Technology, UTM.
- 1.12.2004 - 30.11.2006: Member, Jawatankuasa Panel Buku UTM.
- 12.1992 - 11.1993 : Fellow, Meranti Student Hostel, UTM.
- 7.11.1998 - 31.10.2001: Chairman on Mathematics Specialists for the Encyclopedia of Science and Technology, UTM.
- 1.12.1998 - 2001 : Committee on Heads of Specialists for the Encyclopedia of Science and Technology, UTM.
- 1.11.2001 : Committee on Mathematics Index for the Encyclopedia of Science and Technology, UTM.
- 9.3.2012 - 31.12.2012: Ahli, Jawatankuasa Tetap Senat Mengenai Perpustakaan UTM.
- 2.7.2013 - 3.7.2013 : Chairman, Matlab Workshop for Applied and Computational Complex Analysis.

24.6.2014 - 25.6.2014:	Chairman, Latex Beamer Workshop.
19/03/2017	: Jawatankuasa Panel Buku Penyelidikan & Book Chapters, UTM.
1/1/17- 31/12/17	: Organizing Committee of International Seminar on Mathematics in Industry 2017, UTM-CIAM
2/2/2017	: Chairman, Scientific Committee for International Seminar on Mathematics Industry (ISMI 2017)
1/7/2018-30/6/2020	: Ahli Jawatankuasa Pengurusan Utm E-Journal Universiti Teknologi Malaysia.

NATIONAL COMMITTEE

- 1.** Committee on Printing and Publication for National Applied Mathematics Seminar (3-4December 1989) at UTM, Dept. of Mathematics, September - December 1989.
- 2.** Committee on Technical Papers for 5th National Mathematical Sciences Symposium (20 - 22December 1992) at UTM, Dept. of Mathematics, October 1991 - December 1992.
- 3.** Chairman of Working Committee for the Tenth National Mathematics Symposium, 26.9.2001- 24.12.2002.
- 4.** Chairman on Working Papers and Proceeding for the Tenth National Mathematics Symposium, 18.2.2002 - 24.12.2002.
- 5.** Penilai Anugerah MAPIM 2010 - Kategori Makalah Jurnal Terbaik (Sains, Teknologi, Perubatan). 8.3.2011 - 10.3.2011
- 6.** Chairman of Malaysian Mathematical Modelling Camp 2015. 2.11.2014 - 31.12.2014.
- 7.** Committee of Simposium Kebangsaan Sains Matematik ke-23. 23.11.2015 - 25.11.2015.
- 8.** Facilitator of Workshop on Demand-Driven Innovation Projects by Public Private Research Network (PPRN). 29.7.2015.
- 9.** Committee of 1st International Conference on Applied and Industrial Mathematics and Statistics 2017. 16.11.2016-present.
- 10.** Program Committee member, 1st International Conference on Multidisciplinary Method and Model (ICMMM 2016).
- 11.** PRO-TEM Committee for Malaysian Hub for Industrial Mathematics and Statistics. 20.12.2015-31 Sept 2018.

INTERNATIONAL APPOINTMENTS/COMMITTEE

1. Committee on Printing for The International Islamic Countries Conference on Statistical Sciences (26-30 August 1990) at UTM, Dept. of Mathematics, May - August 1990.
2. Committee on Publication Proceeding ICoMS2007. 2 July 2007-completed.
3. Pengerusi, Jawatankuasa Kecil Persediaan RAFSS2010.
4. Ahli, Jawatankuasa Regional Annual Fundamental Sciences Symposium 2010 (RAFSS 2010).
5. Committee on Transportation and Accommodation, First Biennial International Group Theory Conference 2011, UTM.
6. Committee of International Seminar on Mathematics in Industry 2013 (ISMI 2013).
27-28 November 2013.
7. Chairman, Committee of Publication, International Seminar on Mathematics in Industry 2013 (ISMI 2013). 27-28 November 2013.
8. Chairman, Committee of Publication, MISG 2015. 4-31 December 2014..
9. Committee of 3rd International Conference on Computational and Social Sciences (ICCSS 2015).
31.3.2015 - 30.11.2015.
10. Committee of 3rd Mathematics in Industry Study Group Malaysia (MISG 2015). 6.4.2015 - 10.4.2015.
11. Chairman, Scientific Committee for International Seminar on Mathematics in Industry & International Conference on Theoretical & Applied Statistics 2018(ISMI & ICTAS 2018), UTM-CIAM, 21 January 2018 – publications.
12. Member of Jury for The First Al-Khorezmi International Mathematical Olympiad (AKHIMO 2018), 26-31/10/2018.
13. Ahli JK Saintifik *7th International Conference and Workshop on Basic and Applied Sciences 2019* (ICOWOBAS 2019), Sept 2018 – present.

RESEARCH ACTIVITIES

RESEARCH PROJECTS UNDERTAKEN

MISCELLANEOUS GRANTS (IRPA, GUP, PPRN, ETC)

- November 1999-June 2001 :Project Member, Software Development for Ship Design and Calculation.
Budget approved RM 148, 200 (Vot72121 - IRPA).
- January 2001-Dicember 2001:Project Leader, Integral Equation Approach for the Conformal Mapping of Non-smooth Regions.
Budget approved RM15, 000 (Vot 71721 - RMC, UTM).
- January 2001-Dicember 2001:Project Member, The numerical solution of hydrodynamic forces in 3-dimensional ship simulation.
Budget approved RM17, 800 (Vot 71711 - RMC, UTM).
- June 2001-June 2002 :Project Leader, Relationship Between Two Integral Equations for the Bergman Kernel.
Budget approved (Vot 71772).
- June 2001-June 2002 :Numerical Conformal Mapping via the Bergman Kernel using the Generalized Minimum Residual Method.
(Vot 71773).
- April 2001-April 2002 :Project Leader, Integral Equation Approach for the Riemann Problem. Budget approved RM19, 000 (Vot71759 - RMC, UTM).
- February 2002-January 2005 :Project Leader, Integral Equation Approach for Computing the Riemann map, the Riemann Problem, and Reproducing Kernels.
Budget approved RM78, 500 (Vot74049 - IRPA).
- April 2011 - March 2013 :Project Leader, Solving Mixed Boundary Value Problem via an Integral Equation with the Generalized NeumannKernel.
Budget approved RM93, 000 (Vot 01H75-RUG).
- Dec 2012 - Dec 2014 : Project Leader. Spiral Slit Maps and Straight Line Slit Maps of Multiply Connected Regions via the Generalized Neumann Kernel and Its Adjoint.
Budget approved RM76,500 (Vot 04H62-RUG).
- April 2013 - September 2014 :Project Leader, Conformal Mapping Software for Medical Image Processing using Integral Equations with Generalized Neumann Kernel.
Budget approved RM89,000 (Vot 01G11 -RUG Flagship).

Januari 2015 - Oktober 2015 :Project Leader, Modelling and Optimization of Product Related to Clay for Cleansing Method in Islam.
Budget approved RM30, 000 (Vot 4L151– Demand-Driven, PPRN).

Mei 2016 - April 2017 :Project Leader, New Dimension of Mathematical Modelling: Collaboration in Mathematical Sciences Community.
Budget approved RM 20000 (Vot 03G51 RUG).

01/07/2017 until 30/06/2019:Project Leader, Chemical Enhancement And Optimization of Claymiff Product for Surface Decontamination,
Budget approved RM 40000 (Vot 16H70, GUP,Tier 1)

FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS FUND)

July 2004-June 2005 :Project Leader, A Boundary Integral Equation Method for External Potential Flows.
Budget approved RM23, 000 (Vot 75118).

Sept 2004 - August 2005: Project Member, Integral Equation Approach on the Numerical Solution of the Riemann Problem for a Region with Corners.
Budget approved RM24, 000 (Vot 75150).

July 2006-June 2008 :Project Leader, An Integral Equation Method for Conformal Mapping of Doubly and Multiply Connected Regions via the Kerzman-Stein and Neumann Kernels.
Budget approved RM45, 000 (Vot 78089).

November 2008- April 2011 :Project Leader, An integral Equation method for solving Neumann problems in simply connected regions with smooth boundaries. Budget approved RM68, 000 (Vot78316).

November 2008- April 2011 :Project Member, Numerical solution of system of nonlinear algebraic equations arising from conformal mapping of multiply connected regions. Budget approved RM56, 500 (Vot 78346).

Nov 2009- November 2011: Project Leader, Boundary Integral Equations for Conformal Mapping of Multiply Connected Regions via the Generalized Neumann kernel. Budget approved RM34,000 (Vot 78489).

Dec 2014 - November 2016: Project Leader, Boundary Integral Equation Method for Ahlfors Mapping of Bounded Multiply Connected Regions and Finding Zeros of the Ahlfors Map.
Budget approved RM80, 200 (Vot 4F637).

Julai 2014 - Julai 2016 :Project Member, Fast Numerical Conformal Mapping of Multiply Connected Regions via the Adjoint Generalized Neumann Kernel.
Budget approved RM67, 000

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1. 2013, 610726015665, IP/CP/2013/4167, Functions of a Complex Variables
2. 2013, 610726015665, IP/CP/2013/4172, Conformal Mapping and Its Applications
3. 2013, 610726015665, IP/CP/2013/4171, Residue Theory
4. 2013, 610726015665, IP/CP/2013/4169, Complex Integration
5. 2013, 610726015665, IP/CP/2013/4168, Elementary Complex Functions
6. 2013, 610726015665, IP/CP/2013/4166, Geometry of Complex Numbers
7. 2013, 610726015665, IP/CP/2013/4165, Complex Numbers
8. 2013, 610726015665, IP/CP/2013/4170, Complex Series
9. 2013, 610726015665, IP/CP/2013/4173, References
10. 2012, 610726015665, IP/CP/2012/3098, Radial Slits Map Algorithm of Bounded Multiply Connected Regions
11. 2012, 610726015665, IP/CP/2012/3101, Linear Integral Equations Algorithm for conformal Mapping of Bounded Multiply Connected Regions onto a Disk Circular Slits
12. 2012, 610726015665, IP/CP/2012/3102, Parallel Slits Map Algorithm of Bounded multiply Connected Regions
13. 2012, 610726015665, IP/CP/2012/3100, Annulus with circular Slit Map Algorithm of Bounded Multiply Connected regions Via Integral Equation Method
14. 2012, 610726015665, IP/CP/2012/3099, Circular Slits Map Algorithm of Bounded Multiply Connected Regions
15. 2008, 610726015665, IP/CP/2008/1330, An Integral Equation Related to a Boundary Relationship with Application to Conformal Mapping of Multiply Connected Regions
16. 2016, 610726015665, IP/CR/2016/1745, Algorithm Related to Modelling of Clay-based Product Against E. coli.

TEACHING ACTIVITIES

UNDERGRADUATE COURSES TAUGHT

88/89

MAT 0332: Aljabar 1; MAT 0242: Kalkulus

89/90

MAT 0113: Matematik Tulen I; SMT 0143: Matematik Asas I; MAT 0222: Kalkulus I
SMT 0173: Matematik Asas IV

90/91

MAT 0113: Matematik Tulen I; SMT 0143: Matematik Asas I; MAT 1332: Aljabar II
MAT 0222: Kalkulus I

91/92

MAT 1332: Aljabar II; MAT 1242: Kalkulus II; MAT 2253: Matematik Lanjutan I
SMT 2243: Kalkulus Lanjutan

92/93

SMZ 1070: Matematik PPTS

93/94

SMZ 1070: Matematik PPTS

94/95

DSM 1012: Geometri dan Trigonometri

97/98

SSM 2532: Persamaan Terbitan; ISP 4672: Analisis Kompleks II

98/99

SSM 2532: Persamaan Terbitan; SSM 3392: Kaedah Berangka; SSM 5223: Analisis Kompleks
SSM 1262: Kalkulus I; SSM 2223: Kalkulus II

99/00

SSM1103: Matematik Asas; SSM 3392: Kaedah Berangka; SSM 5223: Analisis Kompleks
SSM 2223: Kalkulus II; SSM 2532: Persamaan Terbitan

00/01(01)

SSM 2272: Kalkulus II; SSM 2223: Kalkulus II

00/01(02)

SSM 1203: Kalkulus I; SSM3233: Pembolehubah Kompleks

01/02(01)

SSM2283: Matematik kejuruteraan; SSM2223: Kalkulus II

01/02(02)

SSM4223: Pembolehubah Kompleks; SSM2083: Matematik kejuruteraan

02/03(01)

SSM2083: Matematik kejuruteraan

03/04(01)

SSM2543: Persamaan terbitan

03/04(02)

SSM4223: Pembolehubah Kompleks

04/05(01)

SSM2223: Kalkulus II

04/05(02)

SSM4223: Pembolehubah Kompleks

05/06(01)

SSM4223: Pembolehubah Kompleks

05/06(02)

SSM4223/SSM2583: Pembolehubah Kompleks

06/07(01)

SSH2753: Pembolehubah Kompleks

06/07(02)

SSM4223/ SSM3743 : Pembolehubah Kompleks

:

07/08(01)

SSH2753: Pembolehubah Kompleks

07/08(02)

SSM3743: Pembolehubah Kompleks; SSE1893: Matematik Kejuruteraan

08/09(01)

SSH2753: Pembolehubah Kompleks

08/09 (02)

SSH2753 , SSH3743 : Pembolehubah Kompleks

09/10 (01)

SSH2753 : Pembolehubah Kompleks

09/10 (02)

SSH2753 : Pembolehubah Kompleks

10/11 (01)

SSH2753 : Pembolehubah Kompleks

10/11 (02)

SSH2753 : Pembolehubah Kompleks

11/12 (01)

SSH3713: Pemodelan Matematik

11/12 (02)

SSH2753 : Pembolehubah Kompleks

12/13 (01)

SSH3503: Pembolehubah Kompleks

13/14 (01)

SSH3503, SSCM3503: Pembolehubah Kompleks

14/15 (01)
SSH3503, SSCM3503: Pembolehubah Kompleks

15/16 (01)
SSCE1693: Matematik Kejuruteraan I

16/17 (02)
SSCM1523: Linear Algebra

17/18 (01)
SSCM3503: Pembolehubah Kompleks

17/18 (02)
SSCM1033: Mathematical Methods II

18/19 (01)
SSCM3503: Complex Variables

POSTGRADUATE COURSES TAUGHT

01/02(01)
MSM5013: Mathematical Methods

04/05 (02)
MSM5153: Applied and Computational Complex Analysis

05/06 (01)
MSM5013: Mathematical Methods

05/06 (02)
MSM1363: Numerical Integral Equations

06/07(01)
MSM1013: Mathematical Methods

06/07(02):: Research Methodology
07/08(01)
MSM 1153: Applied and Computational Complex Analysis

08/09(01)
MSM 1153: Applied and Computational Complex Analysis

10/11 (01)
MSM 1153: Applied and Computational Complex Analysis

11/12 (01)
MMJ1213: Advanced Engineering Mathematics
MSM1153: Applied And Computational Complex Analysis

11/12 (02)
MSM1363: Numerical Integral Equations

12/13 (01)
MSM1153: Applied And Computational Complex Analysis

12/13 (02)
MSM1363: Numerical Integral Equations

13/14 (01)
MSM1153: Applied And Computational Complex Analysis

13/14 (02)
MSM1363: Numerical Integral Equations

14/15 (02)
MSM1363: Numerical Integral Equations

15/16 (02)
MSM1363: Numerical Integral Equations

16/17 (01)
MSM1043: Mathematical Methods I

17/18(01)
MSM1043: Mathematical Methods I

18/19 (01)
MSCM1043: Mathematical Methods I

18/19 (02)
MSCM1363: Numerical Integral Equations

SUPERVISION

SUPERVISIONS OF VISITING PROFESSORS

1. Visiting Professor: Prof. Takashi Suzuki, Osaka University (Ibnu Sina Institute, 5 - 12 October 2010)
2. Visiting Assistant Professor: Assoc. Prof. Dr. Mohamed M. S. Nasser (IIS, 3 Aug 2009 - 4 Sept2009; UTM-CIAM, 15 June 2013 - 15 August 2013)
3. Visiting Researcher: Mr. Ali Wahab Kareem Sangawi (UTM-CIAM, 21 May 2012 – 21 July 2012)
4. Visiting Professor: Prof. Dr. Mohamed M. S. Nasser (UTM-CIAM, 21-25 January 2018)

POSTGRADUATE SUPERVISION

PhD Students

<i>Year</i>	<i>No.</i>	<i>Name</i>	<i>Status</i>	<i>Title</i>	<i>Roles of supervisor</i>
2002	1	Mohamed M. S. Nasser	Graduated	Integral Equation Approach for Solving the Riemann Problem	Main Supervisor
2001	2	Rokiah Rozita Ahmad	Graduated	Solving Stiff Differential Equations using a New Runge-Kutta-liked Method	Co-Supervisor
2003	3	Munira Ismail	Graduated	Boundary integral equation approach for numerical solution of the Riemann problem on non-smooth regions	Main Supervisor
2005	4	Hu Laey Nee	Graduated	Boundary Integral Equations Approach for Numerical Conformal Mapping of Multiply Connected Regions	Main Supervisor
2006	5	Zamzana binti Zamzamin @ Zamzamin	Graduated	An Integral Equation Approach for the Exterior Riemann Problem on Nonsmooth Simply Connected Regions	Main Supervisor
2009	6	Ali Wahab Kareem Sangawi	Graduated	Boundary Integral Equation for Conformal Mapping of Multiply Connected Region	Main Supervisor
2010	7	Samer Abdu Ahmed Al-Hatemi	Graduated	Solving mixed boundary value problem via an	Main Supervisor

				integral equation with generalized Neumann Kernel on multiply connected region	
2010	8	Arif Asraf bin Mohd Yunus	Graduated	Boundary Integral Equation Approach for Conformal Mapping of Unbounded Multiply Connected Region onto Canonical Regions	Main Supervisor
2011	9	Mohsen Aghaeiboorkheili	Graduated	Solving Riemann-Hilbert problem with discontinuous coefficients by generalized Neumann kernel method	Main Supervisor
2013	10	Kashif Nazar	Graduated	Boundary Integral Equation with the Generalized Neumann Kernel for Numerical Ahlfors Map	Main Supervisor
2014	11	Amir Syafiq Syamin Shah bin Amir Hamzah	Graduated	Mathematical Modeling and Optimization of Biological Wastewater Treatment: Some Case Studies of Mpho and Typha Angustifolia	Main Supervisor
2013	12	Shwan Hassan Hussein	Graduated	Solving Robin problem on multiply connected regions via integral equations with the generalized Neumann kernel	Co-Supervisor
2014	13	Ummu Tasnim Husin	On Going	Conformal Mapping of a Multiply Connected Region onto a Circular Region via Integral Equation Method	Main Supervisor
2016	14	Nur Hazwani Aqilah Binti Abdul Wahid	On Going	Applied and computational complex analysis	Main Supervisor

MSc. Students

Year	No.	Name	Status	Title	Type	Role Of Supervisor
2000	1	Cik Sri Mazzura Muhammad Basri	Graduated	Application of Hypergeometric Functions and R-functions in the Laplace Transform of a Product of Bessel Functions	Dissertation	Main Supervisor
2000	2	Sharifah Alwiah Syed Abd. Rahman	Graduated	Solving Certain Trinomial Equation by means of Generalized Hypegeometric Functions.	Dissertation	Main Supervisor
2002	3	Syahirbanun Isa	Graduated	Numerical Conformal Mapping via the Bergman Kernel	Dissertation	Main Supervisor
2005	4	Rahifa Ranom	Graduated	Numerical conformal mapping of exterior regions using MATHEMATICA and Cauchy's integral formula	Dissertation	Main Supervisor
2005	5	Hamizah Mohd. Safuan	Graduated	On the Lagrange-Bürman theorem and the generating relations for orthogonal polynomials	Dissertation	Main Supervisor
2005	6	Teh Yuan Ying	Graduated	Numerical Conformal Mapping via the Bergman Kernel using the Fourier Method	Dissertation	Main Supervisor
2005	7	Nurul Akmal Mohamed	Graduated	Numerical conformal mapping for doubly connected region via integral equation method.	Research	Main Supervisor
2006	8	Adam Saif	Graduated	Approximation of Functions by Wavelets	Dissertation	Main Supervisor
2007	9	Nor Izzati Jaini	Graduated	An integral equation method for conformal mapping of doubly connected regions onto an annulus via the Neumann kernel.	Dissertation	Main Supervisor
2008	10	Ummu Tasnim Husin	Graduated	Boundary Integral Equation with the Generalized Neumann Kernel for the Neumann Problem.	Dissertation	Main Supervisor

2009	11	Ejaily Milad Ahmed Alejaily	Graduated	A Boundary Integral Equation for the Neumann Problem in bounded Multiply Connected Region.	Dissertation	Main Supervisor
2009	12	Chye Mei Sian	Graduated	A Boundary Integral Equation for the Exterior Neumann Problem on Multiply Connected Region.	Dissertation	Main Supervisor
2009	13	Lai Tze Wee	Graduated	Verification of Boundary Integral Equation for Conformal Mapping of Doubly Connected Regions onto a Disk with a Slit.	Dissertation	Main Supervisor
2011	14	Mohmed M Ahmed Alagele	Graduated	Integral Equation Approach for Computing Green's Function on Simply Connected Regions.	Dissertation	Main Supervisor
2011	15	Siham Mohammed Lebayesh	Graduated	The Conformal Mapping Method for Solving Mixed Boundary Value Problems.	Dissertation	Main Supervisor
2011	16	Amir Syafiq Syamin Shah bin Amir Hamzah	Graduated	Solving Robin Problem via Integral Equation with the Generalized Neumann Kernel.	Research	Main Supervisor
2012	17	Siti Zulaikha Aspon	Graduated	Integral Equation Approach for Computing Green's Function on Multiply Connected Regions.	Research	Main Supervisor
2012	18	Sarfraz Hassan Salim	Graduated	Solving Mixed Boundary Value Problem via an Integral Equation with Generalized Neumann Kernel On Doubly Connected Regions	Dissertation	Main Supervisor
2012	19	Sheida Chahkandi Nezhad	Graduated	Integral Equation Approach for Computing Green's Function on Unbounded Simply Connected Regions.	Dissertation	Main Supervisor
2012	20	Hemin Mohammed Hassan	Graduated	Solving Mixed Boundary Value Problem via an Integral Equation with the Generalized Neumann Kernel in Unbounded Doubly Connected Regions.	Dissertation	Main Supervisor
2014	21	Yassen Mohamed Sulaiman	Graduated	Integral Equations for the Riemann Map.	Dissertation	Main Supervisor

2014	22	Lee Khyi Wei	Graduated	Fast Numerical Conformal Mapping Of Bounded Multiply Connected Regions Via Integral Equations	Research	Main Supervisor
2016	23	Ahmed Marhoon Hamed Alhashmi	Graduated	Comparison between analytical and numerical computation for surface decontamination by disinfectant solution	Dissertation	Main Supervisor
2018	24	Khalifa Ali Abdallah Alfarsi	Ongoing	Solving surface decontamination model using Fourier series	Dissertation	Main Supervisor

B.Sc. Students

I have supervised the following undergraduate writing projects.

1. Sarita Yunus, 1990-1991. Teorem binomial dan beberapa pengitlakannya.
2. Norah Marcus, 1992-1993. Perihal penamaan teorem matematik.
3. Erwani Suaib, 1992-1993. Matematik sebagai sumber ketakutan, pendapatan dan hiburan.
4. Salawati Hassan Basari, 1998-1999. Beberapa aliran falsafah dalam matematik.
5. Mimi Shuhaida Pawan Teh, 1998-1999. Rumus De Moivre dan rumus Euler serta penggunaannya.
6. Norliha Jemain, 1998-1999. Perihal kuasa dan punca bagi nombor kompleks.
7. Tan Jen Woan, 1998-1999. Sejarah nombor kompleks.
8. Tengku Naziah Tengku Mat, 1999-2000. Ekstremum fungsi dua pembolehubah dan penggunaannya.
9. Fazilah Ramli, 1999-2000. Siri geometri dan beberapa pengitlakannya.
10. Faizah Hamlan, 1999-2000. Kalkulus pecahan.
11. Noor Suziah Sulaiman, 2000-2001. Permodelan matematik dalam mendakan hablur.
12. Alice Chin Chuan Fong, 2000-2001. Permodelan matematik dalam litografi alur elektron.
13. Nor Fazita Ramli, 2000-2001. Kembangan siri asimptot terhadap kamiran Stieltjes.
14. Anati Ali, 2001-2002. Persamaan kamiran Volterra.
15. Norzieha Mustapha, 2001-2002. Pemetaan fungsi pembolehubah kompleks menggunakan perisian Mathematica.
16. Tan Saw Imm, 2001-2002. Kuasa bagi nombor kompleks.
17. Phong Bee Bee, 2001-2002. Kamiran eliptik dan beberapa penggunaannya.
18. Wong Paik Kim, 2001-2002. Fibonacci numbers and the golden ratio.
19. Lee Wi Hiem, 2001-2002. Fungsi faktorial dan beberapa pengitlakannya.
20. Yong Lai Yen, 2001-2002. Persamaan kubik dan persamaan kuartik.
21. Yeow Ka Boon, 2002-2003. Mathematical modeling of a catalytic converter.
22. Teoh Boon Siang, 2002-2003. Mathematical modeling of air quality.
23. Marina Mohamed, 2002-2003. Penjelmaan linear dan bilinear atas satah kompleks.
24. Yeang Say Shin, 2002-2003. Sistem koordinat silinder parabolik dan penggunaannya.
25. Tay Bih Lin, 2002-2003. Sistem koordinat silinder eliptik dan penggunaannya.

26. Arbaiyah Abdullah, 2002-2003. Hasil darab tak terhingga.
27. Asmah Suleiman, 2002-2003. Polinomial Taylor untuk fungsi dua pembolehubah.
28. Azizatulmuna Zakaria, 2004-2005. Mathematical model in getting the electric image of a document.
29. Nurul Akmal Mohamed, 2004-2005. Numerical computation of the Riemann mapping function using integral equation method and Cauchy's integral formula.
30. Anuradha a/p Athinarayanan 2004/2005. Convergence tests for infinite series: Raabe's test and Dirichlet's test.
31. Suhaili Hj. Musa, 2004/2005. Mathematical modelling in the development of color film negative.
32. Asmaliza binti Abdullah (4 SSM), 2005/2006. Some mathematical models of traffic flow.
33. Nor Hidayah binti Ismail (4 SSM), 2005/2006. Mathematical modelling of population dynamics.
34. Ummu Tasnim Husin (Program Saintis Cemerlang) (?), 2006/2007. Riemann map of simply connected region with corners.
35. Poh Leong Huat (3 SSM), 2007/2008, Application of conformal mapping and MATHEMATICA for solving Fluid Flow Problem.
36. Nurul Nadzirah Sidek (3 SSM), 2007/2008, Application of conformal mapping and MATHEMATICA for solving Electrostatic Problem.
37. Chye Mei Sian (3 SSE), Sesi 2008/2009. Holomorphic Functions and Cauchy's Integral Formula of Two Complex Variables.
38. Kam Jia Wen (3 SSE), 2008/2009. Solving Neumann Problems on a Simply Connected Region using Conformal Mapping.
39. Hii Lee Lee (3 SSM), 2009/2010, Mathematical Modelling of Crystal Precipitation.
40. Hasliza Jamaludin (3 SSM), 2009/2010, Properties and Application of Sumudu Transform.
41. Sabrun Jamil bin Sakip (3 SSE), 2009/2010, Conformal Mapping Based Image Processing using MATLAB.
42. Nur Amalina (3 SSM), 2010/2011, Fourier Series and Fourier Transform Method for Solving Mixed-Boundary Value Problem.
43. Siti Aisya binti Kamaruddin (SSCM), 2011/2012, Evaluating Inverse Laplace Transform Using Complex Variables.
44. Noraihan Afiqah binti Rawi (SSCE), 2011/2012, The Fourier Transform with Complex Argument.
45. Lee Khiy Wei (Program Saintis Cemerlang), (SSCM), 2013/2014, Conformal Mapping and Periodic Cubic Spline Interpolation. (Co-supervisor: Dr. Yeak Su Hoe)
46. Siti Noraina binti Suliman (4 SSCE), 2014/2015, Integral of Cauchy Type and the Sokhotsky Formulas.
47. Wan Nor Zaleha Binti Amin (4 SSCM), 2014/2015, Computation of Generalized Cauchy Integral Formula for Doubly Connected Region.
48. Nur Syahirah binti Sahril (4 SSCE), 2017/2018, Mathematical Modelling of Heartbeat.
49. Siti Sakinah Roslan (4 SSCE), 2018/2019, Application of Schwarz-Christoffel Mapping and MATHEMATICA for Solving Channel River Flow Problem (on-going).

POSTGRADUATE EXAMINATION /VIVA

UTM STUDENTS/VIVA

1. Chairman: PhD. Viva panel for Razidah Ismail.
2. Chairman : MSc. Viva panel for Nor Hafiza Hamzah.
3. Chairman :MSc. dissertation panel for Amirul Hana bt. Mohamed Noor.
4. Chairman :MSc. dissertation panel for Yuhani Yusof.
5. Chairman :MSc. dissertation panel for Norhafizah Md Sarif.
6. Chairman :MSc. dissertation panel for Norfarizan Mohd Said.
7. Chairman :MSc. dissertation panel for Annie a/p Gorgey.
8. Chairman :MSc. dissertation panel for Asnida Binti Che Abd Ghani.
9. Chairman :MSc. dissertation panel for Dennis Ling Chuan Ching.
10. Chairman :MSc. dissertation panel for Azwani Alias.
11. Chairman :MSc. dissertation panel for Maizatul Nadirah binti Mustaffa.
12. Chairman :MSc. dissertation panel for Delyliana Admon.

PhD EXTERNAL EXAMINER

1. Mohammad Abdulkawi Mahiub
Numerical solutions of Cauchy type singular integral equations of the first kind using polynomial approximations, UPM (2009)
2. Suzan Jabbar Obaiys
Numerical solutions of Hypersingular integral equations of using Chebyshev Approximation, UPM, 2 October 2013.
3. Hameed Husam Hameed
Newton-Kantorovich Method for One and Two Dimensional Nonlinear Second Kind Volterra Integral Equations, UPM, 14 January 2016.
4. Hasham M.H. Al-Hawamda
Numerical Solution for Singular Integral Equations using New Orthogonal Polynomials, USIM, 11 January 2018.

PhD INTERNAL EXAMINER

1. Yusuf Buba Chukkol, Nonlinear Wave Propagation in Monodispersed Bubbly Viscoelastic Fluid Flow, 2019 (on-going)

MSc EXTERNAL EXAMINER

1. Mohammad Abdulkawi Mahiub, The Solution of Cauchy Type Singular Integral Equations by using Modification of Discrete Vortex Method, UPM 2007.
2. Oday Shafiq Muhammad Hazaimah, Approximation Solution of the System of Nonlinear Integral Equations, UPM 2010.

3. Norlyda Mohamed, A Subclass of Bounded Starlike Functions, UiTM, 13 Jun 2013.
4. Abdullah Yahya, Properties of Generalised Sakaguchi Class of Analytic Functions, UiTM, 6 November 2013.
5. Michael Chong Sueng Lock, Two-Dimensional Mathematical Model for Water Quality Analysis, USM, 11 April 2018.
6. Phey Hoon Tan, Two Dimensional Finite Element Formulation for Crude Oil Nanofluid Flow, UTP, 19 November 2018.

MSc INTERNAL EXAMINER

1. Raja Mohd. Taufika Raja Ismail, Mathematical Modelling of Boundary-Layer Flow and Heat Transfer in Forced Convection, April 2006.
2. Fuaada Mohd. Siam, A study of the finite depth fluid equation, January 2013.
3. Norsiah Hashim, The solution of second order oscillating problems using perturbation method, September 2013.
4. Nadia Nofri Yani binti Suhari, Parallelization of Nozzle Flow Model in Spray-DIC Technique on Parallel Virtual Machine, 29 March 2017.
5. Hazidatul Akma binti Hamlan, Mathematical Model on Sequential and Parallel Algorithm for Fabricating Gold Nanoparticles and Separating Nanocomposite Layers, 17 April 2018.

PUBLICATIONS

JOURNAL

ISI Journals, WOS Journals:

1. Mohd. Rashidi Md. Razali, M. Z. Nashed & Ali Hassan Mohamed Murid, Numerical conformal mapping via the Bergman kernel, *Journal of Computational and Applied Mathematics*, 82 (1)(1997), 333-350. (WOS, 1997: IF= 0.402, Q=3)
2. Ali Hassan Mohamed Murid, M. Z. Nashed & Mohd. Rashidi Md. Razali, Numerical conformal mapping for exterior regions via the Kerzman-Stein kernel, *Journal of Integral Equations and Applications*, 10 (4) (1998), 517-532. (WOS, 2012: IF=0.609, Q=3)
3. Ali Hassan Mohamed Murid, M. Z. Nashed & Mohd. Rashidi Md. Razali, A domain integral equation for the Bergman kernel, *Results in Mathematics*, 35 (1999), 161-174. (WOS, 2009: IF=0.513, Q=4)
4. Mohd. Rashidi Md. Razali, M. Z. Nashed & Ali Hassan Mohamed Murid, Numerical conformal mapping via the Bergman kernel using the generalized minimum residual method, *Computers and Mathematics with Applications*, 40 (2000), 157-164. (WOS, 2000: IF=0.339, Q=3)
5. Ali Hassan Mohamed Murid & Mohamed M. S. Nasser, Eigenproblem of the Generalized Neumann Kernel, *Bulletin of the Malaysian Mathematical Sciences Society (Second Series)*, 26 (2003), 12-33. (WOS, 2009: IF=0.341, Q=4)
6. R. Wegmann, A.H.M. Murid & M.M.S. Nasser, The Riemann-Hilbert problem and the Generalized Neumann Kernel, *Journal of Computational and Applied Mathematics*, 182 (2005) 388-415. (WOS, 2005: IF=0.569, Q=3)
7. Mohamed M.S. Nasser, Ali H.M. Murid & Zamzana Zamzami, A boundary integral method for the Riemann-Hilbert problem in domains with corners, *Complex Variables and Elliptic Equations*, Vol. 53 (11) (2008) 989-1008. (WOS, 2010: IF=0.409, Q=4)
8. M.M.S. Nasser, A.H.M. Murid, M. Ismail, E. M. A. Alejaily, Boundary Integral Equations with the Generalized Neumann Kernel for Laplace's Equation in Multiply Connected Regions, *Applied Mathematics and Computation*, Vol. 217 (Jan 2011), 4710 – 4727. (WOS, 2011: IF= 1.317, Q=1)
9. A.W.K. Sangawi, A.H.M. Murid, M.M.S. Nasser, Linear Integral Equations for Conformal Mapping of Bounded Multiply Connected Regions onto a Disk with Circular Slits, *Applied Mathematics and Computation*, 218(5) (2011), pp. 2055-2068. (WOS, 2011: IF= 1.317, Q=1) DOI: 10.1016/j.amc.2011.07.018
10. A.W.K. Sangawi, A.H.M. Murid, M.M.S. Nasser, Parallel slits map of bounded multiply connected regions, *Journal of Mathematical Analysis and Applications*, 389 (2012) 1280–1290. (WOS, 2012: Impact Factor= 1.05, Q=1)
11. A.W.K. Sangawi, A.H.M. Murid, M.M.S. Nasser, Annulus with Circular Slit Map of Bounded Multiply Connected Regions via Integral Equation Method, *Bulletin of the Malaysian Mathematical Sciences Society (Second Series)* 35 (4) (2012) 945-959. (WOS, 2012: Impact Factor= 0.798, Q=1)
12. A.W.K. Sangawi, A.H.M. Murid, M.M.S. Nasser, Circular Slits Map of Bounded Multiply Connected Regions, in "Trends in Classical Analysis, Geometric Function Theory, and Geometry of Conformal Invariants", a special issue of *Journal of Abstract and Applied Analysis*, vol. 2012,(2012), Article ID 970928, 26 pages. doi:10.1155/2012/970928. (WOS, 2012: IF=1.102, Q=1)
13. Arif. A. M. Yunus, Ali H. M. Murid & M. M. S. Nasser, Conformal Mapping of Unbounded Multiply Connected Regions onto Canonical Slit Regions, in "Trends in Classical Analysis, Geometric Function Theory, and Geometry of Conformal Invariants", a special issue of *Journal of Abstract*

and Applied Analysis, Volume 2012, Article ID 293765, 29 pages, doi:10.1155/2012/293765.
(WOS, 2012: IF=1.102, Q=1)

14. M. M. S. Nasser, Ali H.M. Murid & Samer A.A. Al-Hatemi, A Boundary Integral Equation with the Generalized Neumann Kernel for a Certain Class of Mixed Boundary Value Problem, *Journal of Applied Mathematics*, Volume 2012, Article ID 254123, 17 pages, doi:10.1155/2012/254123. (WOS, 2012: IF=0.834, Q=2)
15. Samer A.A. Al-Hatemi, Ali H.M. Murid and Mohamed M.S. Nasser, A boundary integral equation with the generalized Neumann kernel for a mixed boundary value problem in unbounded multiply connected regions, *Boundary Value Problems* 2013, 2013:54, doi:10.1186/1687-2770-2013-54 (WOS, 2013: IF= 0.836, Q=1) (indexed by ISI, SCOPUS and several other databases)
16. Ali W. K. Sangawi, Ali H. M. Murid & M. M. S. Nasser, Radial Slit Maps of Bounded Multiply Connected Regions, *Journal of Scientific Computing*, (2013) 55:309–326, doi: 10.1007/s10915-012-9634-3. (WOS, 2013: IF= 1.698, Q=1) (indexed by ISI, SCOPUS and several other databases)
17. Arif A. M. Yunus, Ali H. M. Murid & M. M. S. Nasser, Numerical Evaluation of Conformal Mapping and its Inverse for Unbounded Multiply Connected Regions, *Bulletin of the Malaysian Mathematical Sciences Society* (2). Vol. 37 No. 1 (2014) 1-24 (WOS, 2014: IF= 0.586, Q=3) (indexed by ISI, SCOPUS and several other databases)
18. Arif A. M. Yunus, Ali H. M. Murid & M. M. S. Nasser, Numerical conformal mapping and its inverse of unbounded multiply connected regions onto logarithmic spiral slit regions and straight slit regions, e-print *Proceedings of the Royal Society of Edinburgh Section A-Mathematics*, 2014 470, 20130514. (WOS,2014: Impact Factor= 1.009, Q=1) (indexed by ISI, SCOPUS and several other databases) doi:10.1098/rspa.2013.0514. (GUP Q.J130000.2526.04H62, Q.J130000.2426.01G11)
19. Mohamed M.S. Nasser, Takashi Sakajo, Ali H.M. Murid, and Lee Khiy Wei, A fast computational method for potential flows in multiply connected coastal domains, *Japan Journal of Industrial and Applied Mathematics*, Vol. 32, No. 1, 2015 (WOS, 2015: IF=0.377, Q=4) (indexed by ISI) DOI 10.1007/s13160-015-0168-6.
20. Ali W. K. Sangawi, Ali H. M. Murid and Lee Khiy Wei, Fast Computing of Conformal Mapping and Its Inverse of Bounded Multiply Connected Regions onto Second, Third and Fourth Categories of Koebe's Canonical Slit Regions, *Journal of Scientific Computing*, DOI 10.1007/s10915-016-0171-3, Published Online: 2 Feb. 2016. (WOS, 2015: IF=1.946, Q=1) (indexed in ISI, SCOPUS and several other databases)
21. Shwan Hassan, Ali H. M. Murid, Munira Ismail, and Mukhiddin I. Muminov, "Solving Robin Problems in Multiply Connected Regions via an Integral Equation with the Generalized Neumann Kernel", *Boundary Value Problems* 2016, 2016:91, DOI 10.1186/s13661-016-0599-2 (WOS, 2015: IF= 0.642, Q=2) (indexed by ISI, SCOPUS and several other databases)
22. Mukhiddin I. Muminov and A. H. M. Murid, Boundary value formula for the Cauchy integral on elliptic curve, *Journal of Pseudo-Differential Operators and Applications*, DOI 10.1007/s11868-017-0212-1 (2016 IF=0.529, Q=3). (indexed by ISI, SCOPUS and several other databases)
23. Ali W.K. Sangawi, Ali H.M. Murid, and Lee Khiy Wei, Conformal Mappings of Bounded Multiply Connected Regions onto Circular and Parallel Slits Regions and their Inverses with GUI, *ScienceAsia*, *ScienceAsia* 43S (2017): 79–89 (indexed in SCOPUS and Thomson Reuters' Science Index Expanded Edition 2007, Impact Factor for 2016 is 0.343, Q=3).
24. Shwan H. H. Al-Shatri, Ali H. M. Murid, and Munira Ismail, Solving a Class of Robin Problems in Simply Connected Regions via Integral Equations with the Generalized Neumann Kernel, *ScienceAsia*, *ScienceAsia* 43S (2017): 69–78, (indexed in SCOPUS and Thomson Reuters' Science Index Expanded Edition 2007, Impact Factor for 2016 is 0.343, Q=3).
25. Mukhiddin I. Muminov, and A. H. M. Murid, Boundary value formula for the Cauchy integral on elliptic curve, *Journal of Pseudo-Differential Operator s and Applications* (2018) 9:837–851

<https://doi.org/10.1007/s11868-017-0212-1>, (2017 IF=0.649, Q=3), (indexed by ISI, SCOPUS and several other databases)

26. Amir S. A. Hamzah and Ali H. M. Murid, Nonlinear Partial Differential Equations Model Related to Oxidation Pond Treatment System: A Case Study of mPHO at Taman Timor Oxidation Pond, Johor Bahru, *MATEMATIKA*, 2018, Volume 34, Number 2, 293–311 (indexed in WOS).
27. Chai Jin Sian, Yeak Su Hoe and Ali H. M. Murid, Some Numerical Methods and Comparisons for Solving Mathematical Model of Surface Decontamination by Disinfectant Solution, *MATEMATIKA*, 2018, Volume 34, Number 2, 271–291 (indexed in WOS).

SCOPUS Journal :

1. Munira Ismail, Ali Hassan Mohd. Murid & Bahrom B Sanugi, An integral equation approach for the numerical solution of the Riemann problem on a simply connected with corners, *Int. J. Simulation and Process Modelling*, 2 Nos. 1/2, (2006) 25-32. (Scopus)
2. M.M.S. Nasser, A.H.M. Murid & N.S. Amin, A boundary integral equation for the 2D external potential flow, *International Journal of Applied Mechanics and Engineering*, 11 No. 1 (2006) 61-75. (Scopus)
3. Munira Ismail, Ali Hassan Mohamed Murid & Bahrom Sanugi, Numerical solution of the Riemann Problem via boundary integral equation with corners, *International Journal of Pure and Applied Mathematics* 31 No.3 (2006) 379-400. (Scopus)
4. Munira Ismail, Ali Hassan Mohd. Murid & Bahrom B Sanugi, Dirichlet problem and non-uniquely solvable Riemann-Hilbert problem via boundary integral equation with corners, *International Journal of Applied Mathematics (IJAM)*, Vol. 20, No. 3, 2007, 403-426. (Scopus)
5. Ali H. M. Murid & Nurul Akmal Mohammed, An integral equation method for conformal mapping of doubly connected regions via the Kerzman-Stein kernel, *International Journal of Pure and Applied Mathematics*, Vol. 38, No. 3, 2007, 229-250. (Scopus)
6. Ali H. M. Murid and Laey-Nee Hu, Numerical Experiment On Conformal Mapping of Doubly Connected Regions Onto A Disk With A Slit, *International Journal of Pure and Applied Mathematics*, Vol. 51, 2009, no. 4, 589 - 608. (Scopus)
7. Mohsen Aghaeiboorkheili and Ali H. M. Murid,
8. Amir S.A. Hamzah, Ali H.M. Murid, and Mohamed M.S. Nasser, Boundary Integral Equations with the Generalized Neumann kernel for Robin problem in Simply Connected Region, *Int. J. Appl. Math. & Stat.*, Vol. 44, No. 14 (2013) 8-20. (Indexed in SCOPUS).
9. M. Aghaeiboorkheilia and Ali H.M. Murid, Solving the Dirichlet problem with discontinuous coefficients in bounded multiply connected regions using a boundary integral equation with the generalized Neumann kernel, *International Journal of Pure and Applied Mathematics (IJPAM)*, ISSN 1311-8080, Vol. 97, No. 4, 2014, 447-479. (Scopus)
10. Siti Zulaiha Aspon, Ali Hassan Mohamed Murid, Mohamed M. S. Nasser and Hamisan Rahmat, Integral Equation Approach for Computing Green's Function on Doubly Connected Regions via the Generalized Neumann Kernel, *Jurnal Teknologi*, Vol. 71, No. 1 (2014) 49–54. (indexed by SCOPUS)
11. Kashif Nazar, Ali H. M. Murid, and Ali W. K. Sangawi, Integral Equation for the Ahlfors Map on Multiply Connected Regions, *Jurnal Teknologi*, Vol. 73 No. 1 (2015) 1–9. (indexed in SCOPUS)
12. Ali W. K. Sangawi, Kashif Nazar and Ali H. M. Murid, A Numerical Method for Locating the Zeros of Ahlfors Map for Doubly Connected Regions, *Indian Journal of Science and Technology*, Vol 8(32), DOI: 10.17485/ijst/2015/v8i32/92149, November 2015. (indexed in SCOPUS)

13. Somchai Nuanprasert, Khiy Wei Lee, Ali H. M. Murid, Sueki Baba and Takashi Suzuki, Enhancement of BGA void defect detection in poor contrast Xray images using conformal mapping, ICIC Express Letters, Part B: Applications, Volume 7, Number 1, January (2016) 105-110. (indexed in SCOPUS)
14. Amir S. A. Hamzah, Akbar Banitalebia, Ali H. M. Murid, Zainal A. Aziz, Hasniza Ramli, Hazzarita Rahman, and Norazelah Hamdon, A Mathematical Model for Wastewater Treatment Process of an Oxidation Pond, Jurnal Teknologi, Vol. 78 No. 3–2 (2016) 65–70. (indexed in SCOPUS)
15. Amir S. A. Hamzah, Ali H. M. Murid, Zaitul Marlizawati Zainuddin, Zainal A. Aziz, Hasniza Ramli, Hazzarita Rahman, and Norazelah Hamdon, A Three Competing Species Model for Wastewater Treatment: Case Study on Taman Timur Oxidation Pond, Johor Bahru, Jurnal Teknologi, Vol. 78 No. 4–4 (2016) 145–150. (indexed in SCOPUS)

NON INDEXED Journal :

1. Ali Hassan Mohamed Murid, Two reduction formulas for Appell's Function F_1 , Matematika 4 (1988), no. 2, 229-236 (in Malay).
2. Ali Hassan Mohamed Murid, Mellin-Barnes integrals involving Carlson's function, Matematika 5 (1989), no. 1, 37-53 (in Malay).
3. Ali Hassan Mohamed Murid, A q-analogue problem for Carlson's R function, Matematika 5 (1989), no. 2, 149-158 (in Malay).
4. Mohd. Rashidi Md. Razali & Ali Hassan Mohamed Murid, Biorthogonality and reproducing property, Matematika 11 (1995), no. 1, 1-10 (in Malay).
5. Mohd. Rashidi Md. Razali & Ali Hassan Mohamed Murid, An integral equation method for numerical conformal mapping of exterior regions, Matematika 12 (1996), no. 1, 29-39 (in Malay).
6. Ali Hassan Mohamed Murid & Mohd. Rashidi Md. Razali, An integral equation method for conformal mapping of doubly-connected regions, Matematika 15 (1999), no. 2, 79-93.
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10. Murid, A. H. M., Hu, L. N. and Mohamad, M. N. (2008). An Integral Equation Method For Conformal Mapping of Doubly Connected Regions Involving The Neumann Kernel. Matematika, Vol. 24, No. 2 (2008), 99-111.
11. Zamzana Zamzamid, Munira Ismail & Ali H. M. Murid, An Integral Equation Related to the Exterior Riemann-Hilbert Problem on Region with Corners, Journal of Fundamental Sciences, Vol. 4 (2008) 369-378.

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14. Ali Hassan Mohamed Murid & Teh Yuan Ying, Numerical conformal mapping via a Fredholm integral equation using Fourier method, *Malaysian Journal of Mathematical Sciences*, Vol.3, No. 1 (2009): 83-93.
15. Ali H. M. Murid and Laey-Nee Hu, Numerical Conformal Mapping of Bounded Multiply Connected Regions by An Integral Equation Method, *Int. J. Contemporary Mathematical Sciences*, Vol. 4, 2009, no. 23, 1121-1147. (H-index is 7)
16. Ali H.M. Murid, Ali W. Kareem Sangawi, and M.M.S Nasser, Integral and Differential Equations for Conformal Mapping of Bounded Multiply Connected Regions onto a Disk with Circular Slits, *Journal of Fundamental Sciences*, Vol. 7, No. 1, 2011, 12 – 19.
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18. Samer A. A. Alhatemi, Ali H. M. Murid & M. M. S. Nasser, Solving Mixed Boundary Value Problem via an Integral Equation with the Generalized Neumann Kernel on Unbounded Multiply Connected Region, *Malaysian Journal of Fundamental and Applied Sciences*, Vol. 8, No.4 (2012) 177-181.
19. Ali H. M. Murid, Mohmed M. A. Alagele, and Mohamed M. S. Nasser, Integral Equation with the Generalized Neumann Kernel for Computing Green's function on Simply Connected Regions, *Malaysian Journal of Fundamental and Applied Sciences*, Vol. 9, No 3 (2013) 161-166.
20. Ali W. K. Sangawi and Ali H. M. Murid, Annulus with Spiral Slits Map and its Inverse of Bounded Multiply Connected Regions, *International Journal of Scientific & Engineering Research*, Volume 4, Issue 10, October (2013) 1447-1454. (indexed in Astrophysics Data System (ADS), Google Scholar, ICI Journals Master List)
21. Mohamed M.S. Nasser and Ali H.M. Murid, A boundary integral equation with the generalized Neumann kernel for the Ahlfors map, *Int. J. Clifford Analysis, Clifford Algebras and their Applications (CACAA)*, Vol 2 (4) (2013), pp. 307-312. (Indexed in Current Mathematics Publications, Mathematical Reviews, MathCAD, USSR Academy of Sciences and Zentralblatt fur Mathematic/Mathematics Abstracts/MATH Database)
22. Lee Khiy Wei, Ali H. M. Murid and Yeak Su Hoe, Conformal Mapping and Periodic Cubic Spline Interpolation, *MATEMATIKA*, 2014, Volume 30, Number 1a, 8–20.
23. Mohamed M.S. Nasser, Ali H.M. Murid and Ali W.K. Sangawi, Numerical conformal mapping via a boundary integral equation with the adjoint generalized Neumann kernel, *TWMS J. Pure Appl. Math.* V.5, N.1, 2014, pp.96-117.

H INDEX : 6 (excluding self-citations), 9 (including self-citations)

THESIS

1. Ali Hassan Mohamed Murid, Boundary Integral Equation for Numerical Conformal Mapping, Ph.D. Thesis, Universiti Teknologi Malaysia (1997). Supervisor: Prof. Dr. Mohd. Rashidi Md. Razali, UTM; Co-supervisor: Prof. Dr. M. Zuhair Nashed, University of Delaware, USA.

ORIGINAL BOOKS

1. First Year Common Mathematics Panel, Fundamentals of Mathematics 1 UTM, 1995 (in Malay).
2. First Year Common Mathematics Panel, Fundamentals of Mathematics 2 UTM, 1994 (in Malay).
3. Yudariah Mohammad Yusof, Roselainy Abdul Rahman, Ong Chee Tiong, Md. Nor Bakar, Mohd. Salleh Abu, Sabariah Baharun, Ali Hassan Mohamed Murid & Maslan Osman, Diagnostik & Pemulihan - Kesalahan Lazim bagi Beberapa Tajuk Matematik Sekolah Menengah, Penerbit UTM, 2005. (in Malay) (ISBN 983-52-0361-X)

EDITED BOOKS

1. Mohamad Rashidi Md. Razali, Mukheta Isa & Ali Hassan Mohamed Murid (Editors), Proceedings of the Fifth National Symposium on Mathematical Sciences, Dept. of Mathematics, Faculty of Science, UTM, 1992.
2. Ali Hassan Mohamed Murid (Chief Editor), Proceedings of the Tenth National Symposium on Mathematical Sciences, Dept. of Mathematics, Faculty of Science, UTM, 2002. (ISBN 983-52-0284-2)
4. Ali H. M. Murid and Yusof Yaacob (Eds.), Advances in Group Theory, DNA Splicing & Complex Analysis, UTM Press, 2012. (ISBN 978-983-52-0896-6)
5. Ali H. M. Murid and Yusof Yaacob (Eds.), Recent Advances on Integral Equations with the Generalized Neumann Kernel, Penerbit UTM Press, 2015. (ISBN 978-983-52-1138-6)
6. Ali H. M. Murid and Yusof Yaacob (Eds.), Recent Advances in Applied and Computational Complex Analysis, Penerbit UTM Press, 2015. (ISBN 978-983-52-1027-3)
7. Zainal Abdul Aziz, Ahmad Razin Zainal Abidin @ Md. Taib, Ali Hassan Mohamed Murid, Arifah Bahar, Normah Maan, Shaharuddin Salleh, Viswanathan Kodakkal Kannan, Zaitul Marlizawati Zainuddin, (Eds.), Mathematics in Industry Study Group MALAYSIA (MISG 2015), UTM Centre for Industrial and Applied Mathematics, Universiti Teknologi Malaysia, 2017. (ISBN 978-967-0194-77-6)

BOOK CHAPTERS

1. Mohamad Rashidi Razali, Ali Hassan Mohd. Murid & Ibrahim Mohd. Jais, Teaching and Research in Complex Analysis Using Mathematica. In: Computer Based Experiments, Learning and Teaching, edited by A. Kasprzak, L. Koszalka & I. Pozniak-Koszalka (1999), 149-159.
2. Ali H. M. Murid, Laey-Nee Hu and Mohd NorMohamad, Conformal Mapping of Multiply Connected Regions via the Kerzman-Stein and Neumann Kernels, in: Yusof Yaacob (Ed.), Recent Advances In Theoretical and Numerical Methods, Edited by (2007), 1-20.

3. Mohamed M. S. Nasser and Ali H. M. Murid, Numerical Experiments on Eigenvalues of the Generalized Neumann Kernel, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Advances in Group Theory, DNA Splicing & Complex Analysis*, UTM Press (2012), 135-157.
4. Hu Luey Nee and Ali H. M. Murid, Homotopy Method for Solving System of Nonlinear Equations Related to Conformal Mapping, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Advances in Group Theory, DNA Splicing & Complex Analysis*, UTM Press (2012), 159-175.
5. Ali W. K. Sangawi and Ali H. M. Murid, Annulus with Circular Slits Map of Bounded Multiply Connected Regions, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Advances in Group Theory, DNA Splicing & Complex Analysis*, UTM Press (2012), 177-192.
6. A. H. M. Murid and Ali W. K. Sangawi, Mapping of Disk and Annulus with Circular Slits onto Bounded Multiply Connected Regions, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Recent Advances in Applied and Computational Complex Analysis*, Penerbit UTM Press (2015), 1-22.
7. A. H. M. Murid and Ali W. K. Sangawi, Mapping of Circular, Radial and Parallel Slit onto Bounded Multiply Connected Regions, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Recent Advances in Applied and Computational Complex Analysis*, Penerbit UTM Press (2015), 23-54.
8. Siti Zulaiha Aspon and Ali H.M. Murid, Fast Computation of Green's Function for Bounded Multiply Connected Regions, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Recent Advances on Integral Equations with the Generalized Neumann Kernel*, Penerbit UTM Press (2015), 19-40.
9. Ali H.M. Murid and Samer Abdo Ahmed Alhatemi, Solving Mixed Boundary Value Problem on Bounded Multiply Connected Regions via an Integral Equation with the Generalized Neumann Kernel, in: Ali H. M. Murid and Yusof Yaacob (Eds.), *Recent Advances on Integral Equations with the Generalized Neumann Kernel*, Penerbit UTM Press (2015), 55-68.
8. Satyananda Panda, Ali Hassan Mohamed Murid, Nor Fadzillah Mohd Mokhtar, S. Sarifah Radiah Shariff, Siti Meriam Zahari, Zalina Zahid, Siti Aida Sheikh Hussin, Amir Syafiq Syamin Syah B. Amir Hamzah, Mohamad Firdza Mohamad, Shazwani bt Alias, Zatul Alwani bt Shaffiei, Siti Hajar Mat Sarip, and Maizatulakmal Yahayu, Modelling and Optimization of Clay-based Product for Green Cleansing, in: Zainal Abdul Aziz, Ahmad Razin Zainal Abidin @ Md. Taib, Ali Hassan Mohamed Murid, Arifah Bahar, Normah Maan, Shahrudin Salleh, Viswanathan Kodakkal Kannan, Zaitul Marlizawati Zainuddin, (Eds.), *Mathematics in Industry Study Group MALAYSIA (MISG 2015)*, UTM Centre for Industrial and Applied Mathematics, Universiti Teknologi Malaysia, 2017. (ISBN 978-967-0194-77-6), 66-84.

ENCYCLOPEDIA

Penulisan Entri Jilid Matematik, Ensiklopedia Sains dan Teknologi (EST):

1. Nombor Kompleks
2. Teorem Peta Empat Warna
3. Anulus
4. Fungsi polinomial
5. Lonjong Cassini
6. Persamaan kubik
7. Persamaan kuartik
8. Rumus Stirling
9. Rumus Wallis
10. Pembeza Fungsi
11. Fungsi diskrit
12. Pengitlakan
13. Penghampiran linear

14. Permodelan matematik
15. Pingat Fields
16. Fungsi ortogon
17. Contoh-Penyangkal
18. Konjektur
19. Analisis matematik

PLENARY LECTURE/KEYNOTE ADDRESS

1. Plenary lecture: A. H. M. Murid, Disk with Circular Slits Map of Bounded Multiply Connected Regions with Application to Brain Image. 7 th International Conference on Numerical Optimization and Operations Research (ICNOOR-VII), 31 October 2016 - 2 November 2016, Hanoi, Vietnam.
2. Keynote speaker: A. H. M. Murid, Mathematics in Fluid Flow, Image Processing, and Surface Decontamination, 2nd International Conference of Natural Sciences (ICNS2017), 5-6 July 2017, Chamchamal, Sulaimani, Kurdistan Region, Iraq.

INVITED/GUEST SPEAKERS

1. International conference on inverse problems and partial differential equations, 9 Mei 2013 - 11 Mei 2013, University of Central Florida, Orlando, Florida, USA. Title: Disk with Spiral Slits Maps and its Inverse for Bounded Multiply Connected Regions.
2. Simposium Kebangsaan Sains Matematik ke-24, 27 - 29 September 2016, Primula Beach Resort, Kuala Terengganu, Terengganu, Malaysia. Title: Pemetaan Konformal Berangka Melalui Persamaan Kamiran Dan Penggunaannya.
3. Mathematics in Industry Seminar Series, UTM-CIAM, 27/04/2016, Mathematical Modelling of Surface Decontamination by Clay Solution,
4. International Seminar on Mathematics in Industry (ISMI2017), 1st – 2nd August 2017, Pulau Springs Resort, Johor Bahru, Johor. Title: Fast Computation of Disk And Annulus with Circular Slits Map of Bounded Multiply Connected Regions with Application to Biomedical Image Processing.
5. Simposium Kebangsaan Sains Matematik ke-25 (SKSM25), 27-29 Ogos 2017, HOTEL MS Garden, Kuantan, Pahang. Title: Convergence of the Series for the Szegö Kernel for an Annulus Region.
6. Program Wacana Ilmiah Matematik Kewangan, Fakulti Sains dan Teknologi, USIM, 26 Februari 2018 (Isnin), Bilik Mesyuarat Utama, FST, 2.30 pm. Title: Conformal Mapping, Fluid Flow, and Image Processing.
7. Popular Science Seminar Series 14, 27/03/2018 (Tuesday), 2.15 pm - 3.15 pm, DK1, C17, UTM, Title: Conformal Mapping, Boundary Value Problems, Fluid Flow, and Image Processing.
8. International Seminar on Mathematics in Industry & International Conference on Theoretical and Applied Statistics 2018 (ISMI-ICTAS18), 4–6 September 2018, Universiti Teknologi Malaysia Kuala Lumpur. Title: Solving Surface Decontamination Model using Laplace Transform.

REFEREED PROCEEDINGS

1. Ali Hassan Mohamed Murid & Mohd. Rashidi Md. Razali, On boundary integral equations of the second kind for symmetric regions, Proceedings of the Second Asian Mathematical Conference 1995, World Scientific, 1998.
2. Ali Hassan Mohamed Murid, M. Z. Nashed & Mohd. Rashidi Md. Razali, Some integral equations related to the Riemann map, Proceedings of the Third CMFT Conference: Computational Methods and Function Theory '97, World Scientific, 1999.
3. Ali Hassan Mohamed Murid & Mohamed M.S. Nasser, A Fredholm Integral Equation of the Second Kind for the Exterior Riemann Problem, Proceedings of International Conference on Research and Education in Mathematics 2003, UPM, 160-171.
4. Ali Hassan Mohamed Murid, & Hamizah M. Safuan, On the Lagrange-Bürmann Theorem and the Generating Relations for Orthogonal Polynomials. CD Proceedings of International Advanced Technology Congress 2005.
5. Laey-Nee Hu and Ali H. M. Murid, Conformal Mapping of Doubly Connected Regions onto an Annulus via an Integral Equation with the Kerzman-Stein Kernel, In: Maslina Darus and Shigeyoshi Owa (Eds) Proceedings of the International Symposium on New Development of Geometric Function Theory and Its Applications, School of Mathematical Sciences, Faculty of Science and Technology, UKM (2008) pp.359-369.
6. Ali H. M. Murid, Laey-Nee Hu and Mohd Nor Mohamad, Numerical Conformal Mapping of Triply Connected Regions onto an Annulus with slit via an Integral Equation with the Neumann Kernel, In: Maslina Darus and Shigeyoshi Owa (Eds) Proceedings of the International Symposium on New Development of Geometric Function Theory and Its Applications, School of Mathematical Sciences, Faculty of Science and Technology, UKM (2008) pp.431-440.
7. Zamzana Zamzami, Ali H.M. Murid & Munira Ismail, An integral equation approach for the numerical solution of the exterior Riemann-Hilbert problem in a simply connected region with corners, In: Maslina Darus and Shigeyoshi Owa (Eds) Proceedings of the International Symposium on New Development of Geometric Function Theory and Its Applications, School of Mathematical Sciences, Faculty of Science and Technology, UKM (2008) pp.476-484.
8. Ali H.M. Murid, Ummu Tasnim Husin and Hamisan Rahmat, An Integral Equation Method for Solving Neumann Problems in Simply Connected Regions with Smooth Boundaries, Paper presented by Ummu Tasnim at the 2nd International Conference and Workshops on Basics and Applied Sciences and Regional Annual Fundamental Science Seminar 2009 (ICORAFSS 2009), 3-4 June 2009, The Zone Regency Hotel, Johor Bahru.
9. Zamzana Zamzami, Munira Ismail and Ali H.M. Murid, Particular Solution for Non-Uniquely Solvable Exterior Riemann-Hilbert Problem on a Simply Connected Region with Corners, CD Proceedings of the 5th Asian Mathematical Conference (AMC) 2009.
10. Laey-Nee Hu, Ali H.M. Murid and Mohd Nor Mohamad, An Integral Equation Method for Conformal Mapping of Multiply Connected Regions onto an Annulus with Circular Slits via the Neumann Kernel, CD Proceedings of the 5th Asian Mathematical Conference (AMC) 2009.
11. E.M.A. Alejaily, Azlina Jumadi, Ali H.M. Murid, Hamisan Rahmat, "Computing the Solution of the Neumann Problem Using Integral Equation and Runge-Kutta Method", Proceedings Regional Annual Fundamental Science Symposium (RAFSS 2010), Ibnu Sina Institute, UTM, 51 – 61.
12. Ali W. Kareem Sangawi, Ali H.M Murid, M.M.S Nasser, Integral and Differential Equations for Conformal Mapping of Bounded Multiply Connected Regions onto a Circular Slit Domain, CD Proceedings of International Conference on Mathematical Applications in Engineering 2010 (ICMAE 2010), Faculty of Engineering, International Islamic University of Malaysia, 660 – 664.

13. Ali W. Kareem Sangawi, Ali H.M. Murid, M.M.S. Nasser, An integral equation with a modified Neumann kernel for conformal mapping of bounded multiply connected regions onto a parallel slit region, CD Proceedings of Faculty of Science Postgraduate Conference 2010 (FSPGC 2010), UTM, 64 - 71.
14. Ali W. Kareem Sangawi, Ali H.M. Murid, M.M.S. Nasser, Integral and Differential Equations for Conformal Mapping of Bounded Multiply Connected Regions onto a Radial Slit Region, Proceedings of Third International Graduate Conference on Engineering, Science and Humanities 2010 (IGCESH 2010), School of Graduate Studies, UTM, 1-6.
15. Ali W. Kareem Sangawi, Ali H.M. Murid, M.M.S. Nasser, An integral equation for conformal mapping of bounded multiply connected regions onto a parallel slit region, Proceedings of 2nd International Conference on Mathematical Sciences 2010 (ICMS2 2010), UKM, 850 – 858.
16. Samer A. A. Al-Hatemi, Ali H. M. Murid, and Mohamed M. S. Nasser, Solving a mixed boundary value problem via an integral equation with adjoint generalized Neumann kernel in bounded multiply connected regions, AIP Conf. Proc. 1522, 508 (2013); doi: 10.1063/1.4801169. (indexed by ISI, SCOPUS and several other databases)
17. Arif A. M. Yunus, Ali H. M. Murid, and Mohamed M. S. Nasser, Radial slits maps of unbounded multiply connected regions, AIP Conf. Proc. 1522, 132 (2013); doi: 10.1063/1.4801115 (indexed by ISI, SCOPUS and several other databases).
18. Siti Zulaiha Aspon, Ali Hassan Mohamed Murid, and Hamisan Rahmat, Computing Green's function on unbounded doubly connected regions via integral equation with the generalized Neumann kernel, AIP Conference Proceedings 1605, 215 (2014); doi: 10.1063/1.4887591 (indexed by ISI, SCOPUS and several other databases).
19. Ali W.K. Sangawi, Ali H. M. Murid and Lee Khiy Wei, Circular, Parallel and Radial Slits Maps and their Inverses of Bounded Multiply Connected Regions with GUI, Proceedings of 3rd International Conference on Computer Engineering & Mathematical Sciences (ICCEMS 2014), SANDKRS(Science And Knowledge Research Society), 1-12.
20. Shwan Hassan, Ali H. M. Murid, and Munira Ismail, Solving Interior and Exterior Robin Problems in Simply Connected Regions via Integral Equations with the Generalized Neumann Kernel, Proceedings of the 3rd International Conference on Computer Engineering and Mathematical Sciences (ICCEMS 2014) , Science and Knowledge Research Society ,73-83.
21. Mukhiddin I. Muminov and Ali H. M. Murid, Spectral Analysis of Two-Particle Schrodinger Operator on a Lattice, AIP Conference Proceedings 1682, 040017 (2015), 1-14; doi: 10.1063/1.4932490 (indexed by ISI, SCOPUS and several other databases).
22. Kashif Nazar, Ali H. M. Murid, and Ali W. K. Sangawi, Some integral equations related to the Ahlfors map for multiply connected regions, AIP Conference Proceedings 1691, 040021 (2015), 1-8; doi: 10.1063/1.4937071 (indexed in ISI, SCOPUS and several other databases).
23. Ummu Tasnim Husin and Ali Hassan Mohamed Murid, An Integral Equation for Conformal Mapping of Multiply Connected Regions onto a Circular Region, Proceedings of 3rd International Science Postgraduate Conference 2015 (ISPC2015) , Faculty of Science, Universiti Teknologi Malaysia, 264-273.
24. Ali W.K. Sangawi, Kashif Nazar, Ali H.M. Murid, A Numerical Method for Locating the Zeros of Ahlfors Map for Doubly Connected Regions, Proceedings of the 2nd International Conference on Soft Computing and Computational Mathematics (ICSCCM 2015), Science and Knowledge Research Society, 49-55.
25. Amir S. A. Hamzah, Ali H. M. Murid & Mohd Razman Salim, Mathematical Model for Horizontal Subsurface Constructed Wetland System with Vegetation Type, Proceedings of 4th International Science Postgraduate Conference 2016 (ISPC2016), Faculty of Science, Universiti Teknologi Malaysia, 178-183.

26. Shwan H. H. Al-Shatri, Ali H.M. Murid, Munira Ismail & Mukhiddin I. Muminov, Solving Robin Problems in Bounded Multiply Connected Regions via an Integral Equations and Differential Equations with the Generalized Neumann Kernel, Proceedings of 4th International Science Postgraduate Conference 2016 (ISPC2016), Faculty of Science, Universiti Teknologi Malaysia, 146-156.
27. Shwan H. H. Al-Shatri, Ali H. M. Murid, and Munira Ismail, Solving Robin problems in bounded doubly connected regions via an integral equation with the generalized Neumann kernel, AIP Conference Proceedings 1750, 030004 (2016); doi: 10.1063/1.4954540 (indexed in SCOPUS).
28. Amir S. A. Hamzah, Ali H. M. Murid, Zainal A. Aziz, Akbar Banitalebi, Hazzarita Rahman, and Norazelah Hamdon, Modeling of microbial approach in wastewater treatment process: A case study of mPHO in Taman Timor oxidation pond, Johor, Malaysia, AIP Conference Proceedings 1750, 030023 (2016); doi: 10.1063/1.4954559 (indexed in SCOPUS).
29. Kashif Nazar, Ali W.K. Sangawi, and Ali H.M. Murid, The Computation of Zeros of Ahlfors Map for Multiply Connected Regions, AIP Conference Proceedings 1795, 020003 (2017); doi: 10.1063/1.4972147. (indexed in SCOPUS)
30. Arif A. M. Yunus and Ali H. M. Murid, Conformal mapping of unbounded multiply connected regions onto logarithmic spiral slit with infinite straight slit, AIP Conference Proceedings 1830, 070032 (2017); doi: 10.1063/1.4980981. (indexed in SCOPUS)
31. Khiy Wei Lee, , Ali H. M. Murid, and , and Ali W. K. Sangawi, Solving integral equations with generalized Neumann kernel using global simpler GMRES for numerical conformal mapping, AIP Conference Proceedings 1870, 040075 (2017); doi: 10.1063/1.4995907. (indexed in SCOPUS)
32. Nur Hazwani Aqilah Abdul Wahid and Ali Hassan Mohamed Murid, Convergence of the series for the Szego kernel for an annulus region, AIP Conference Proceedings 1974, 030025 (2018); doi: 10.1063/1.5041669. (indexed in SCOPUS)
33. Nur Syahirah Sahril and Ali Hassan Mohamed Murid, Mathematical Modelling of Heartbeat, Final Year Project Proceedings, 2018, Department of Mathematical Sciences, Faculty of Science, UTM, 344-361.

SUBMITTED PAPERS TO JOURNALS

1. Amir S. A. Hamzah, Ali H. M. Murid, Mohd Razman Salim, and Graham Sander, Nonlinear ordinary differential equations model related to constructed wetland system , Applied Mathematical Modelling, Elsevier, IF 2.167, Indexed in SCIE, WOS, SCOPUS. Status: Revisions required.
2. N. H. A. A. Wahid, A. H. M. Murid, M. I. Muminov and K. Nazar, Methods and Comparisons for Computing the Zeros of the Ahlfors Map for Doubly Connected Regions, Eurasian Mathematical Journal, Indexed in Scopus, Web of Science (ESCI). Status: Under review.

CONSULTATION PROJECTS

Tarikh Mula	Tarikh Tamat	Tajuk Perundingan Projek	Peringkat	Status Keahlian	Peruntukan (RM)
24/06/2014	25/06/2014	Beamer LaTeX Workshop	UNIVERSITI	KETUA	2650.00
30/03/2015	02/04/2015	Malaysia Mathematical Modelling Camp 2015 A.J091002.5600.07400 (MMMMC2015)	ANTARABANGSA	KETUA	32299.30
23/03/2015	31/12/2015	Program Kebolehpasaran Graduan Sains, Teknologi, Kejuruteraan dan Matematik (STEM)	KEBANGSAAN	AHLI	250000.00
06/04/2015	10/04/2015	3rd MATHEMATICS IN INDUSTRY STUDY GROUP MALAYSTA (MISG 2015) A.J091002.5600.07401 (MISG2015)	ANTARABANGSA	AHLI	82783.00
23/08/2016	23/08/2016	ONE DAY HIGH IMPACT PUBLICATION WORKSHOP	FAKULTI	AHLI	8000.00
01/11/2016	02/11/2016	Young Talent Consultancy Camp	KEBANGSAAN	AHLI	27500.00
06/12/2016	06/12/2016	Review Paper Writing Workshop	FAKULTI	AHLI	2450.00
25/04/2017	10/12/2017	Bengkel Risk Simulator Software	UNIVERSITI	AHLI	1218.58
05/07/2017	06/07/2017	Keynote speaker for the 2nd International Conference of Natural Sciences (ICNS2017),5-6 July 2017 in Chamchamal, Sulaimani, Kurdistan, Iraq.	ANTARABANGSA	AHLI	5958.00
01/01/2017	31/12/2017	2nd International Seminar on Mathematics Industry (ISMI 2017)	ANTARABANGSA	AHLI	81234.80
16/11/2017	16/11/2017	Bengkel Pembentangan Laporan Akhir bagi Geran Projek di bawah Program Flagship UTM-CIAM dan Book Chapter	UNIVERSITI	AHLI	4000.00
04/09/2018	06/09/2018	International Seminar on Mathematics in Industry & International Conference on Theoretical & Applied Statistics 2018 (ISMI-ICTAS 2018)	ANTARABANGSA	AHLI	151940.88
26/09/2018	19/11/2018	M.Sc. thesis external examiner, UTP	UNIVERSITI	AHLI	710.00
05/03/2018	11/04/2018	MSc thesis external examiner. USM	UNIVERSITI	AHLI	500.00
26/10/2018	31/10/2018	1stAl-Khwarizmi International Mathematics Olympiad for Undergraduate Students	UNIVERSITI	Ketua Pasukan UTM, Ahli Juri	5362.00

PARTICIPATION AT SEMINARS, CONFERENCES, WORKSHOPS ETC

Year 1988

1. Participant, New Lecturer Induction Course, 1 - 3 October 1988, UTM.
2. Participant, First Course and Workshop in Statistics, 18 - 21 December 1988, UTM.

Year 1989

1. Speaker, "Special Functions: Carlson's Analytic Approach", Departmental Colloquium, 31 Jan 1989.
2. Participant, National Seminar on Applied Mathematics, 3 - 4 December 1989, UTM.

Year 1990

1. Speaker, "Complex Analysis Aspects in the Study of Gamma Function", Pure Mathematics Group Meeting, 22 March 1990.
2. Participant, Islamic Science Seminar, 25 March 1990, UTM.
3. Participant, Proof Reading Workshop, 13 - 15 August 1990, UTM.
4. Participant, Second Islamic Countries Conference on Statistical Sciences, 26 - 30 August 1990, UTM.
5. Presenter, Fourth National Symposium on Mathematical Sciences, 19 - 21 November 1990, USM. Title of paper: "Dirichlet Average of x_{teax} " (in Malay).
6. Speaker, "Mathematics Colloquium Management: A Challenging Task", Departmental Colloquium, 31 December 1990.

Year 1991

1. Participant, National Seminar on Applied Mathematics and Computational Mechanics in Water Resources, 2 - 3 March 1991, UTM.
2. Participant, Numerical Analysis Seminar, 19 November 1991, UTM.

Year 1992

1. Participant, Workshop on AMSTEX, 30 January 1992, UTM.
2. Participant, Workshop on Finite Element Method in Engineering, 30 - 31 May 1992, UTM.
3. Participant, Second Course and Workshop in Statistics, 14 - 16 June 1992, UTM.
4. Participant, Fellow Meeting, 23 - 25 September 1992, Rimba Templer Camp, Rawang, Selangor.
5. Presenter, Fifth National Symposium on Mathematical Sciences, 20 - 22 December 1992, UTM. Title of paper: "Linear Transformations for the q-analogue of R_n Polynomial" (in Malay).

Year 1993

1. Participant, Course on Fellowship, 27 - 29 January 1993, UTM.
2. Participant, Workshop on Teaching Training for Supervisors, 17 April 1993, UTM.
3. Participant, Course for 1993/94 Session Undergraduates Steering Committee, 20 - 24 June 1993, Jason Bay Beach Resort, Kota Tinggi, Johor.
4. Participant, Seminar and Expo on Drug Abuse, 28 - 30 July 1993, UTM.
5. Speaker, "On the Perpendicular Distance of a Point to a Line", Departmental Colloquium, UTM, 15 August 1993.
6. Participant, Workshop on Research Methodology for UTM Lecturers, 23 - 26 October 1993, UTM.
7. Participant, Course on P_cTeX, 23 - 25 November 1993, UTM.

Year 1994

1. Participant, Sixth National Symposium on Mathematical Sciences, 3 - 5 May 1994, Universiti Malaya.
2. Participant, Seminar on Mathematical Sciences in Industries, 27 - 29 December 1994, UTM.

Year 1995

1. Speaker, "Conformal Mapping via the Szegő and the Bergman Kernels", Departmental Colloquium, 18 July 1995.
2. Presenter, Second Asian Mathematical Conference, 17 - 20 October 1995, Suranaree University of Technology, Nakhon Ratchasima, Thailand. Title of paper: "On Boundary Integral Equations for Symmetric Regions".
3. Presenter, Graduate Studies and Research Seminar, 24 - 25 October 1995, UTM. Title of paper: "Numerical Conformal Mapping via the Bergman Kernel".

Year 1996

1. Presenter, International Congress on Computational and Applied Mathematics, 21 - 26 July 1996, Katholieke Universiteit Leuven, Belgium. Title of paper: "Numerical Conformal Mapping via the Bergman Kernel".
2. Presenter, 1996 Faculty of Science Graduate Studies Seminar, 18 - 19 October 1996, UTM. Title of paper: "An Integral Equation Method for Numerical Conformal Mapping of Exterior Regions".

Year 1997

1. Speaker, "An Integral Equation Method for Solving the Riemann Problem", Departmental Colloquium, 30 July 1997.
2. Presenter, International Conference on Computational Methods and Function Theory '97, 13 - 17 October 1997, University of Cyprus, Nicosia, Cyprus. Title of paper: "Some Integral Equations Related to the Riemann Map".

Year 1998

1. Participant, Course on Tests Development and Marking Scheme, 21 October 1998, UTM.
2. Participant, Faculty of Science Strategic Planning, 23 - 28 October 1998, Mersing, Johor.
3. Participant, Workshop on Editing, 2 - 4 November 1998, UTM.
4. Participant, Workshop on IRPA RM7 Application, 25 - 26 November 1998, UTM.

Year 1999

1. Speaker, "Some Research Topics in Conformal Mapping and Boundary Value Problems", Departmental Colloquium, 27 January 1999.
2. Participant, Workshop on Writing Mathematics Entries for the Encyclopedia of Science and Technology, 13 - 15 February 1999, Bayu Beach Resort, Port Dickson.
3. Participant, Second Workshop on Writing Mathematics Entries for the Encyclopedia of Science and Technology, 9 - 11 April 1999, Puteri Resort, Air Keroh.
4. Participant, Workshop on Documentation of Faculty of Science, 20 May 1999, UTM.
5. Participant, Course on Introductory LaTeX, 10 June 1999, UTM.
6. Participant, Workshop on Quality Control of Mathematics Entries for the Encyclopedia of Science and Technology, 24 - 26 September 1999, Regency Resort, Port Dickson.
7. Participant, Second Workshop on Quality Control of Mathematics Entries for the Encyclopedia of Science and Technology, 5 - 7 November 1999, P.D. World Marina Resort, Port Dickson.
8. Participant, Third Workshop on Quality Control of Mathematics Entries for the Encyclopedia of Science and Technology, 3 - 5 December 1999, Puteri Resort, Air Keroh.

Year 2000

1. Participant, Workshop on IRPA RM7 Application, 26 - 27 January 2000, UTM.
2. Participant, Third Workshop on Writing Mathematics Entries for the Encyclopedia of Science and Technology, 4 - 6 February 2000, Regency Resort, Port Dickson.
3. Speaker, "The Beauty of the Cauchy's Integral Formula", Departmental Colloquium, 15 March 2000.
4. Participant, Fourth Workshop on Quality Control of Mathematics Entries for the Encyclopedia of Science and Technology, 24 - 26 March 2000, Regency Resort, Port Dickson.
5. Presenter, Eighth National Symposium on Mathematical Sciences, 1 - 2 April 2000, Universiti Putra Malaysia at Terengganu. Title of paper: "Relationship between two integral equations of the Bergman kernel".
6. Participant, A Course on Writing Teaching Modules, 23 - 24 May 2000, UTM.
7. Participant, Workshop on Lateral Thinking, 12 - 13 June 2000, UTM.
8. Participant, Workshop on Guidelines for Evaluation of Mathematics Courses, 14 June 2000, UTM.
9. Participant, Workshop on Documentation of Academic Management for the Faculty of Science, 22 - 25 August 2000, Bukit Tinggi, Pahang.
10. Speaker, "Book Review: How To Teach Mathematics by Steven G. Krantz, 2nd edition, AMS, 1999", Departmental Colloquium, 27 September 2000.
11. Participant, One Day Seminar on Algebra and Analysis, 30 September 2000, UTM.
12. Participant, Workshop on Priority Setting Scientific Research for Top-Down Research Grant, 13 - 15 October 2000, Century Mahkota Hotel, Melaka.

Year 2001

1. Participant, Bengkel Penyelarasan Pengajaran Program Kerjasama Akademik Semester I, Sesi 2001/2002, 21 June 2001, UTM.
2. Contributor, International Conference on Computational Methods and Function Theory 2001, 25 - 29 June 2001, University of Aveiro, Portugal. Title of paper: "An Integral Equation Approach for the Riemann Problem". Presenter: Mohamad Rashidi Md. Razali.
3. Presenter, Ninth National Symposium on Mathematical Sciences, 18 - 20 July 2001, UKM. Title of paper: "Some Integral Equations of the First and the Third Kind for the Szegő and the Bergman Kernels"(In Malay). Other authors: Mohamad Rashidi Md. Razali and Baharuddin Hurmin.
4. Contributor, Ninth National Symposium on Mathematical Sciences, 18 - 20 July 2001, UKM. Title of paper: "Riemann Map for Regions with Corners". Presenter: Baharuddin Hurmin. Other author: Mohamad Rashidi Md. Razali.
5. Participant, Workshop on Graduate Study Supervision, 8 August 2001, UTM.
6. Participant, One-Day Mathematics Colloquium: The Power of Mathematical Thinking, 11 August 2001, UTM.
7. Participant, Workshop on Index: Encyclopedia of Science and Technology, 24 - 26 September 2001, Quality City Centre Hotel, Kuala Lumpur.
8. Participant, E-Learning Course, 31 Oct. - 1 Nov. 2001, UTM.

Year 2002

1. Participant, Workshop on Indexing: Encyclopedia of Science and Technology, 30 January 2002, Sofitel Palm Resort, Senai.
2. Participant, Workshop on Final Revision for the Encyclopedia of Science and Technology, 25 - 26 February 2002, Pulai Springs Golf Resort, Skudai.
3. Participant, Workshop on Mathematics Indexing for the Encyclopedia of Science and Technology, 19 - 21 April 2002, The Golden Legacy Hotel, Malacca.

4. Participant, Short Course on Rough Set in Data Mining: Theory and Practice, 24 April 2002, UTM.
5. Participant, Advanced Workshop on the Power of Mathematical Thinking, 22 – 23 May 2002, UTM.
6. Participant, Seminar on Intellectual Property System in Malaysia, 1 - 3 October 2002, Grand BlueWave Hotel, Johor Bahru.
7. Participant, National Seminar on Industrial Mathematics, 12 October 2002, Universiti Putra Malaysia.
8. Facilitator, Bengkel Penyediaan Permohonan Geran Penyelidikan, 9 November 2002, Jabatan Matematik, UTM.
9. Chairman, Simposium Kebangsaan Sains Matematik Ke-10, 23-24 Disember 2002, Hotel Puteri Pan Pacific, Johor Bahru; Organized by Jabatan Matematik, Fakulti Sains, UTM and Persatuan Sains Matematik Malaysia (PERSAMA).
10. Contributor, Tenth National Symposium on Mathematical Sciences, 23-24 Disember 2002, UTM. Title of paper: "Solving Riemann Problem Using Fredholm Integral Equation of the Second Kind". Presenter: Mohamed M. S. Nasser, Other Co-author: Mohamad Rashidi Md. Razali.

Year 2003

1. Participant, Bengkel MASTIC, 8 Januari 2003, DSI, UTM.
2. Participant, Bengkel Perancangan Strategi 2003, Halatuju dan Penstrukturan: Kumpulan Fokus Sains dan Matematik, 18 Februari 2003, Sofitel Palm Resort, Senai, Johor.
3. Presenter, Bengkel Masalah Terbuka Penyelidikan Jabatan, 19 Februari 2003, UTM.
4. Contributor, International Conference on Research and Education in Mathematics, Univ. Putra Malaysia (UPM), Equatorial Hotel Bangi, 2-4 April 2003, Title of paper: "A Fredholm Integral Equation of the Second Kind for the Exterior Riemann Problem", Presenter: Mohamed M.S. Nasser.
5. Presenter, Annual Fundamental Science Seminar 2003, 20 - 21 May 2003, Puteri Pan Pacific, Johor Bahru. Title of paper: "Boundary Integral Equation Approach for Conformal Mapping, Complex Boundary Value Problems, and Reproducing Kernels". Co-authors: Baharudin Hurmin & Mohamed M. S. Nasser.
6. Contributor, Annual Fundamental Science Seminar 2003, 20 - 21 May 2003, Puteri Pan Pacific, Johor Bahru. Title of paper: "Analytical and Numerical Methods for the Riemann problem". Poster Presenter: Mohamed M. S. Nasser.
7. Participant, Bengkel Pengurusan Akademik Pengajian Siswazah Jabatan Matematik, 1 - 3 Jun 2003, Century Mahkota Hotel, Melaka.
8. Participant, Workshop on Applied Mathematical Methods by Dr. Frits P. H. van Beckum (Dept. Appl. Math., University of Twente, Netherland), 21 - 27 August 2003, UTM.
9. Participant, Bengkel Kreativiti, Anjuran Institut Ibnu Sina UTM, Pulau Spring Golf Resorts, Kangkar Pulai, Johor, 21 Oktober 2003.
10. Participant, Convention on Unifying the Nation Through Science, Anjuran Biro Tatanegara, Kem Bina Negara, Ulu Sepri, Rembau, Negeri Sembilan, 8-10 Disember 2003.
11. Participant, Seminar Sehari Aljabar dan Analisis Ke-4, Anjuran Panel Aljabar dan Analisis Jabatan Matematik, UTM, 13 Disember 2003.
12. Presenter, Eleventh National Symposium on Mathematical Sciences, 22 – 24 Disember 2003, UMS. Title of paper: "A Boundary Integral Equation Related to the Riemann Map and the Riemann Problem". Co-author: Mohamed M. S. Nasser.
13. Presenter, Eleventh National Symposium on Mathematical Sciences, 22 – 24 Disember 2003, UMS. Title of paper: "Solving Stiff Partial Differential Equations Using Explicit Mean Runge-Kutta Methods". Co-authors: Rokiah @ Rozita Ahmad, Nazeeruddin Yaacob, Shaharuddin Salleh.

- Contributor, Eleventh National Symposium on Mathematical Sciences, 22 – 24 Disember 2003, UMS. Title of paper: “The Numerical Evaluation of the Hilbert Transform on Smooth Jordan Curves using a Fredholm Integral Equation”. Presenter: Mohamed M. S. Nasser.

Year 2004

- Participant, Bengkel Intensif Pengajaran Matematik by Prof. Dr. John Mason (Open University, UK), 23 - 24 March 2004, Fakulti Pendidikan, UTM.
- Participant, Kursus Penilaian Tahap Kecekapan (PTK) DS54/TK6, 12 - 28 April 2004, Bangunan Pusat Siswazah, UTM.
- Participant, Bengkel Pengoptimuman dan Algoritma Selari Dalam Industri, 6-7 Mei 2004, Bilik Seminar, Institut Ibnu Sina, UTM.
- Participant, Seminar Peningkatan Kemahiran Pengajaran Untuk Pelajar Program SPACE, 20 Mei 2004, Bilik Kuliah 7, Blok N24, UTM, Skudai.
- Organizer, Bengkel Sehari Penyediaan Ujian dan Skema Pemarkahan Matematik Kejuruteraan, 25 Mei 2004, Smart Classroom Fakulti Sains, C17-107, UTM, Skudai.
- Contributor, Seminar Mengenang Jasa Prof. Dr. Shahrir Mohamad Zain, 3 Jun 2004, Hotel Equatorial Bangi, Selangor. Title of paper: “A boundary integral equation for the external potential flow problem around obstacles with smooth boundaries”, Presenter: Mohamed M. S. Nasser.
- Participant, Bengkel Penulisan Permohonan Penyelidikan IRPA Jabatan Matematik, 9 Jun 2004, Makmal Komputer Jabatan Matematik, UTM.
- Presenter, Annual Fundamental Science Seminar, 14 - 15 Jun 2004, Ibnu Sina Institute for Fundamental Science Studies, UTM. Title of paper: “A boundary integral equation for the external potential flow problem”. Co-authors: Mohamed M.S. Nasser and Norsarahaida S. Amin.
- Contributor, Annual Fundamental Science Seminar, 14 - 15 Jun 2004, Ibnu Sina Institute for Fundamental Science Studies, UTM. Title of papers: (1) “An integral equation approach for the numerical solution of the Riemann Problem on a simply connected region with corners”, Presenter: Munira Ismail. (2) “The numerical solution of the non-uniquely solvable Riemann problem using the Fredholm integral equation”, Presenter: Mohamed M. S. Nasser.
- Organizer, Program Matemadesa 2004, 31 Julai 2004, SMK Seri Pinang, Bandar Tenggara, Johor.
- Presenter, Symposium on Science and Mathematics 2004, 14-15 Disember 2004, Pulau Springs Resort, Skudai, Johor. Title of paper: “Computation of the Riemann map using integral equation method and Cauchy’s integral formula”. Co-author: Nurul Akmal Mohamed.
- Contributor, Symposium on Science and Mathematics 2004, 14-15 Disember 2004, Pulau Springs Resort, Skudai, Johor. Title of papers: (1) “Generalized integral equation related to the Riemann problem for a simply connected region with corners”, Presenter: Munira Ismail. (2) “Galerkin method for the boundary integral equation related to the external potential flow around airfoils”, Presenter: Mohamed M. S. Nasser.
- Presenter and contributor, Simposium Kebangsaan Sains Matematik Ke-12, 23-24 Disember 2004, Universiti Islam Antarabangsa Malaysia: Title of papers: (1) “An Integral Equation for the External Potential Flow Around Multi-Element Obstacles” - Ali H. M. Murid, Mohamed M. S. Nasser (P) & Norsarahaida S. Amin. (2) “An Integral Equation for a certain class of Riemann Problem on Unbounded Multiply Connected Regions” - Ali Hassan Mohamed Murid (P) & Mohamed M. S. Nasser. (3) “Pemetaan Konformal Rantau yang Berbucu melalui Pendekatan Polinomial Hermite Cebis demi Cebis” - Baharudin Hurmin (P) & Ali Hassan Mohamed Murid. (4) “An intergal Equation Approach on the Numerical Solution of the Riemann Problem for a Region of General Shape” - Munira Ismail (P), Ali Hassan Mohamed Murid & Bahrom Sanugi

Year 2005

1. Participant, Kursus Pengajaran Menggunakan Teknologi, 12-13 Januari 2005, Makmal Komputer 1 dan 2, Pusat Pengajaran dan Pembelajaran (CTL), UTM.
2. Participant, Perbincangan Penyediaan Spesifikasi Program Matematik Tulen dan Matematik Industri, 20 April 2005, Makmal Komputer Pasca Ijazah (C22-309), Fakulti Sains, UTM.
3. Participant, Kursus Penyeliaan dan Penilaian Pengajian Siswazah (Sains), 25-26 April 2005, Dewan Ballroom, Sofitel Palm Resort, Senai, Johor. Anjuran Program Pembangunan Staf 2005 UTM.
4. Fasilitator Bengkel, Kursus Kaedah Penyelidikan UTM 2005, 3-13 Mei 2005 dan 30-31 Mei 2005, UTM.
5. Participant, Bengkel Sasaran Kerja Tahunan Fakulti Sains 2005, 17-18 Mei 2005, Lecture Theatre 2, Institut Ibnu Sina, UTM.
6. Presenter, Simposium Kebangsaan Sains Matematik Ke-13, 31 Mei - 2 Jun 2005, Hotel Holiday Villa, Alor Star: Title of papers: (1) "Uniquely solvable integral equations for the non-uniquely solvable Riemann problem" - Ali H. M. Murid & Mohamed M. S. Nasser. (2) "Numerical Solution Of An Integral Equation Related To The Non-Uniquely Solvable Interior Riemann Problem On A Region With Corners" - Munira Ismail, Ali Hassan Mohamed Murid & Bahrom Sanugi.
7. Participant, Bengkel Sehari Program Spesifikasi Bagi Program M.Sc. Matematik Kejuruteraan, 28 Jun 2005, Makmal Komputer C22, Jabatan Matematik.
8. Participant, Bengkel Memurnikan Kertas Kerja Kurikulum M.Sc. Matematik Kejuruteraan, Jabatan Matematik, Fakulti Sains, 6 dan 8 Julai 2005, Mantra 1, Hotel M-Suite, Johor Bahru.
9. Participant, Bengkel Outcome-Based Education (OBE), Fakulti Sains, UTM, 5-7 Ogos 2005, Riviera Bay Resort, Melaka.
10. Participant, Pra Bengkel Penentuan Bidang Fokus Penyelidikan RMK-9, 2 Disember 2005, Bilik Seminar 1, SPS, Aras 3, Blok F54.
11. Presenter, International Advanced Technology Congress 2005, 6-8 December 2005, Putrajaya Marriott Hotel, Putrajaya: "On the Lagrange-Bürmann Theorem and the Generating Relations for Orthogonal Polynomials" - Ali H. M. Murid & Hamizah Mohd Safuan.
12. Participant, Bengkel Perancangan Strategik Fakulti Sains, 15-17 Disember 2005, AnCasa Resort Allsuits, Port Dickson.
13. Participant, Bengkel Pemurnian Perancangan Strategik Fakulti Sains, 20-22 Disember 2005, Bilik Seminar Jabatan Kimia, Aras 2, Blok C10.

Year 2006

1. Participant, Bengkel Persiapan Pencalonan Anugerah Penerbitan Naib Canselor 2006- (APNC 2006) Fakulti Sains, 20 April 2006 (Khamis), 9.30 pagi - 5.00 petang, Bilik Mesyuarat Utama, Aras 2, Fakulti Sains.
2. Participant, Majlis Penutup Simposium Projek Sarjana Muda Fakulti Sains 2005/2006, 14 April 2006, 3.00 ptg., DK7, N24, UTM.
3. Participant, Bengkel Pengisian Borang E-Science Fund, 16 Mei 2006, 2.15-4.30 ptg., Bangunan CICT.
4. Participant, Seminar MyREN: Collaborative Research Using MyREN, 25 Mei 2006, 8.00 pagi - 1.00 tgh., Dewan Kuliah Pusat, Blok N24, UTM.
5. Presenter, Simposium Kebangsaan Sains Matematik Ke-14, 6 - 8 Jun 2006, Anjuran UM dan PERSAMA, PNB Darby Park, Executive Suites, Kuala Lumpur: Title of paper: "An Iterative Technique for the Numerical Solution of the Interior Riemann Problem on Region With Corners" - Munira Ismail, Ali Hassan Mohamed Murid & Bahrom Sanugi.

6. Fascilitator, Kursus Penulisan Jurnal, Anjuran Jabatan Matematik, 15 Jun 2006, 9.00 pagi - 5.00 petang, Bilik Mesyuarat C17-Aras 4.
7. Participant, Bengkel Pemurnian Dokumen Jaminan Kualiti Akademik (Program Matematik Industri), 22 November 2006, 9.00 pagi - 5.00 ptg, Bilik Mesyuarat Aras 4, Blok C22, Fakulti Sains, UTM.
8. Participant, Bengkel Pemurnian L1 & L2, 14 Disember 2006, 8.30 pg.5.00 ptg.Dewan Kuliah 2, C17.
9. Participant, Kursus Pengajaran Menggunakan Teknologi (E-Pembelajaran), 19-20 Disember 2006, Makmal Komputer 1 & 2, Fakulti Sains, UTM.

Year 2007

1. Participant, Bengkel Penulisan Karya Asli, 6-8 Februari 2007, 8.30 pagi - 5.00 petang, Pulau Springs Resort.
2. Participant, Bengkel Mengenai 'UTM Institutional Repository (UTM-IR)' dan Kaedah Pelaksanaannya untuk Kumpulan Editor, 14 Mac 2007 (Rabu), 2.30 petang, Makmal Komputer Bioinformatics, Aras 2 Blok C08 (Bilik 203), Jabatan Biologi, Fakulti Sains, UTM.
3. Participant, Bengkel Pemurnian Maklumat Sasaran Kerja Tahunan (SKT) Fakulti Sains 2007, 16-18 Mac 2007, Hotel Renaissance, Melaka.
4. Presenter, International Conference on Mathematical Sciences 2007 (ICoMS2007), 28-29 Mei 2007, Ibnu Sina Institute, UTM. Title of paper: An integral equation method for conformal mapping of doubly connected regions involving the Kerzman-Stein kernel, Authors: Laey-Nee Hu, Ali H.M. Murid dan Mohd Nor Mohamad.
5. Presenter, Simposium Kebangsaan Sains Matematik Ke-15, 5-7 Jun 2007, UiTM. Title of paper: Numerical conformal mapping of doubly connected regions using the integral equation via the Kerzman-Stein kernel and Cauchy's integral formula, Authors: Nurul Akmal Mohamed dan Ali H.M. Murid.
6. Participant, Bengkel Penetapan Semula Misi, Visi, Cogankata dan Objektif Fakulti Sains, 15-17 Jun 2007, Grand Seasons Hotel Kuala Lumpur.
7. Participant, Bengkel Mengemaskini Laman Web dan e-Learning Jabatan Matematik, 28 Jun 2007, Makmal Komputer 1 & 2, C22.
8. Evaluator and Participant, Bengkel Pemantauan Projek Penyelidikan FRGS Kluster Sains Fundamental dan Matematik, 3-5 Julai 2007, 9:30 pagi, Bangunan RMC.
9. Presenter, Seminar Kebangsaan Aplikasi Sains dan Matematik 2007 (SKASM 2007), 5 Disember 2007, UTHM. Title of paper: Conformal mapping of doubly connected regions onto a disc with a circular slit by using an integral equation method via the Neumann kernel, Authors: Ali H.M. Murid, Laey-Nee Hu dan Mohd Nor Mohamad.

Year 2008

1. Fasilitator, Bengkel Pemurnian Course Outline Program SSE dan SSM, 28 Januari 2008, Makmal Komputer 3, Jabatan Matematik, C22 Aras 3, 9:00-5:00 petang.
2. Peserta, Majlis Penghargaan Projek UTM 'Institutional Repository', 18 Januari 2008, PSZ, 3:00 petang.
3. Peserta, Perjumpaan Ketua Pengarah Jabatan Pengajian Tinggi (JPT) dengan Penyelidik IPTA yang Menerima Geran Penyelidikan Fundamental IPTA (FRGS), 19 Januari 2008, 8:30-5:30 petang, Hotel Concorde, Shah Alam, Selangor.
4. Peserta, Majlis Pengiktirafan Staf Fakulti Sains 2007, 25 Januari 2008, 8:30 malam, Puteri Pacific Hotel, Johor Bahru.
5. Peserta, Bengkel Persiapan Pencalonan Anugerah Penerbitan Universiti (APU 2008) Fakulti Sains, 17 Mac 2008, 9:00-5:00 petang, Bilik Mesyuarat Utama Fakulti Sains, C17 Aras 2.

6. Peserta, Persidangan Antarabangsa Industri Buku (ICOBI), 4-5 April 2008, PWTC dan Seri Pacific Hotel, Kuala Lumpur.
7. Peserta, Majlis Makan Malam SSM/SSE 2008 (Mathmaniac Nite 2008), 9 April 2008, 8.00-11.00 malam, Dewan Sultan Iskandar, UTM.
8. Fasilitator, Bengkel Penulisan Permohonan dan Pemantapan Cadangan Penyelidikan Sains dan Matematik, Fakulti Sains, UTM, 18-20 April 2008, Mahkota Hotel, Melaka.
9. Fasilitator, Kursus Kaedah Penyelidikan, 5-15 Mei 2008, UTM. Calon SLAB UTM: Cik Ummu Tasnim Husin.
10. Peserta, Majlis Pelancaran Amalan Budaya Kerja 5S dan e-Filing Fakulti Sains, 13 Mei 2008, 9.30 pagi, C17-105.
11. Pembentang, Regional Annual Fundamental Science Seminar 2008 (RAFSS2008), 27-29 Mei 2008, Ibnu Sina Institute, UTM. Tajuk kertas kerja: An integral equation related to a boundary relationship with applications to conformal mapping of multiply connected regions, Penulis: Laey Nee Hu dan Ali H.M. Murid.
12. Pembentang, Simposium Kebangsaan Sains Matematik Ke-16 (SKSM-16), 3-5 Jun 2008, Hotel Renaissance, Kota Bharu. Tajuk kertas kerja: An integral equation for conformal mapping of multiply connected regions onto an annulus with circular slits via the Neumann kernel, Penulis: Laey-Nee Hu dan Ali H.M. Murid.
13. Peserta, Pemilihan Bahan Perpustakaan di Bilik Pameran (Show Room) Penerbit-Penerbit Buku Tempatan dan Luar Negara di Sekitar Kuala Lumpur, 16-17 Jun 2008.
14. Peserta, Expository Workshop of Mathematica V6, 17 July 2008, Ibnu Sina Institute, UTM.
15. Pembentang, Seminar Sains dan Teknologi 2008, 29 - 30 Oktober 2008, Grand Dorset Hotel, Labuan. Anjuran Sekolah Sains & Teknologi (SST), Universiti Malaysia Sabah (UMS). Tajuk kertas kerja: Numerical Conformal Mapping of Doubly Connected Regions onto an Annulus via an Integral Equation with the Neumann Kernel, Penulis: Ali H. M. Murid, Laey-Nee Hu, Mohd Nor Mohamad and Nor Izzati Jaini.
16. Pembentang, International Symposium on New Development of Geometric Function Theory and Its Applications, 10-13 November 2008, Social Security Training Institute (ESSET), Bangi, Selangor. Anjuran School of Mathematical Sciences, Faculty of Science and Technology, UKM. Tajuk kertas kerja: Numerical Conformal Mapping of Triply Connected Regions onto an Annulus with slit via an Integral Equation with the Neumann Kernel, Penulis: Ali H. M. Murid, Laey-Nee Hu and Mohd Nor Mohamad.
17. Pembentang, Seminar Kebangsaan Aplikasi Sains dan Matematik 2008 (SKASM 2008), 24-25 Disember 2008, The Katerina Hotel Batu Pahat, organized by UTHM. Tajuk kertas kerja: Numerical Conformal Mapping For Boundary And Interior Of Doubly Connected Regions Penulis: Ali H. M. Murid and Laey-Nee Hu.
18. Fasilitator, Kursus Kaedah Penyelidikan, 24 Nov-4 Dis 2008, UTM. Calon SLAB UTM: Niki Anis Abdul Karim, Noratiqah Mohd Ariff, Norizarina Ishak, Taufiq Khairi Ahmad Khairuddin.

Year 2009

1. Peserta, Bengkel Perancangan Strategik Fakulti Sains 2009, 2-4 Januari 2009, Hotel
2. Mahkota Melaka.
3. Peserta, Bengkel Pemurnian MQA Kurikulum Pogram Pasca Siswazah Fakulti Sains UTM, 12 Januari 2009, Hotel Sofitel Palm Resort, Senai, Johor.
4. Penceramah, Bengkel Metodologi Penyelidikan Pengajian Siswazah, 28-30 Januari 2009, Sekolah Pengajian Siswazah, UTM. Tajuk: Planning, Style and Format.
5. Peserta, Bengkel Kemaskini Course Outline Program SSE/SSM/Servis, 4 Mac 2009, DK II-C17-111, Fakulti Sains, UTM.

6. Peserta, Bengkel Mengemaskini Graduate Studies Handbook Fakulti Sains, 26 Mei 2009, Pulau Spring Resort, Johor.
7. Peserta, Bengkel Matematik Industri, 2 June 2009, Jabatan Matematik, Fakulti Sains, UTM.
8. Presenter, International Conference on Computational and Function Theory, 8-12 June 2009, Bilkent University, Ankara, Turkey. Title of paper: A Boundary Integral Equation with the Generalized Neumann Kernel for Laplace's Equation in Multiply Connected Regions. Authors: Mohamed M.S. Nasser and Ali H.M. Murid. Vot: 78316.
9. Peserta, Strategic Planning Workshop on e-Scinano 2009, 23-24 June 2009, Sofitel Palm Resort, Senai, Johor.
10. Peserta, Rebranding UTM Ke Arah IPT Terbilang, 1-3 July 2009, PERSADA Johor. Penceramah: Dato' Dr. Hj. Mohd Fadzilah Kamsah dan Prof. Hj. Mohd Hanim Tahir.
11. Peserta, Bengkel Perancangan Strategik Fakulti Sains Tahun 2009 (Siri 3)- Pengisian dan Penetapan Strategik Initiative Profile and Task Profile, 17-19 Julai 2009, Hotel Mahkota Melaka.
12. Peserta, Bengkel Penyemakan Entri - Edisi Kedua, Projek Penerbitan Bersama EST UTM-DBP, 24-26 Julai 2009, Bayview Hotel Melaka.
13. Peserta, Workshop on Publication in High Impact Journals, 30-31 July 2009, UTM Training Centre, UTM. Fasilitator: Prof. Dr. Hassan Y. Aboul-Enein.
14. Peserta, Seminar on Presentations using LaTeX Beamer, 21 August 2009, Ibnu Rushd Lab, IIS, UTM.
15. Peserta, Bengkel Penilaian Artikel Jurnal Matematika, 8 Oktober 2009, Bilik Mesyuarat C22 Aras 3.
16. Peserta, Latihan Kemasukan Data oleh Pensyarah: Laporan Penilaian Prestasi Staf Akademik Secara Online, 19 November 2009, D07, UTM.
17. Pembentang, ESciNano Annual Symposium 2009, 30 Nov - 1 Dec 2009, The Zon Regency Hotel, JB; Organized by Enabling Science & Nanotechnology Research Alliance; Tajuk kertas kerja: Some Boundary Integral Equations for Numerical Conformal Mapping of Multiply Connected Regions, Penulis: Ali H.M. Murid, Hu Laey Nee and Hamisan Rahmat.
18. Pembentang, Simposium Kebangsaan Sains Matematik Ke-17, 15-17 Dis 2009, Hotel Mahkota Melaka; Tajuk kertas kerja: A Boundary Integral Equation for the Neumann Problem in Bounded Multiply Connected Region, Penulis: E. M. A. Alejaily, A. H. M. Murid and M.M.S. Nasser.
19. Pembentang, The 3rd Thailand Nanotechnology Conference, 21-22 Dis 2009, Asian Institute of Technology, Bangkok; Tajuk kertas kerja: Visualizing and Monitoring the Nano-Cell of Tumor Growth using Grid Computing Platform, Penulis: Norma Alias, Ali H.M. Murid, Noriza Satam, Norhafiza Hamzah, Zarith Safiza A. Ghaffar & Roziha Darwis.

Year 2010

1. Bengkel Pengisian Proposal E-ScienceFund, Pusat Teknologi Maklumat dan Komunikasi, UTM, 16/03/2010.
2. Bengkel "Plagiarism Detection Software", Makmal Komputer 1, C22, Jabatan Matematik, 28/04/2010.
3. Applied Analysis Seminar Series, Insitut Ibnu Sina, UTM, 21/01/2010, 11/02/2010, 04/03/2010, 25/03/2010, 28/07/2010, 18/08/2010, 22/09/2010, 27/10/2010.
4. Pembentang, Regional Annual Fundamental Science Symposium 2010 (RAFFS 2010), 8 Jun 2010 -9 Jun 2010, Hotel Grand Seasons, Kuala Lumpur; Tajuk kertas kerja: Computing the Solution of the Neumaan Problem Using Integral Eguation and Runge-Kutta Method, Penulis: Ali Hassan Mohamed Murid, Hamisan Rahmat, Azlina Jumadi dan E. M. A. Alejaily.
5. Bengkel Pemurnian Balance Score Card (BSc) dan Pengisian Strategic Initiative Profile (SIP), Mercure Johor Palm Resort & Golf, 29/06/2010.

6. Bengkel Kemaskini Kurikulum Program Pengajian Siswazah Sarjana Muda (Matematik & Matematik Industri, Institut Ibnu Sina, 01-02/07/2010.
7. Bengkel COPPA Program Pengajian Siswazah Fakulti Sains, Institut Ibnu Sina, 19-20/10/2010.
8. Pembentang, Seminar Kebangsaan Aplikasi Sains Dan Matematik (SKASM 2010), 8 Disember 2010 - 10 Disember 2010, The Zon Regency Hotel, Johor Bahru; Tajuk kertas kerja: An Integral Equation With A Modified Neumann Kernel For Conformal Mapping Of Bounded Multiply Connected Regions Onto A Radial Slit Region, Penulis: Ali W. K. Sangawi, Ali H.M. Murid, Mohamed M. S. Nasser.
9. Bengkel Semakan Semula Pengurusan Fakulti Sains, Hotel Grand Seasons, Selangor, 17-19/12/2010.

Year 2011

1. Participant, AAAG Monthly Meeting and Complex Analysis Seminar, Blok C22-310, 12/01/2011, 23/02/2011, 14/04/2011, 23/11/2011, 28/12/2011.
2. Participant, Bengkel Kemasukan Data Borang Laporan Penilaian Prestasi Staf Akademik Secara Online, e-LPPT, Bilik Latihan UKLP, CICT JB, UTM, 08/03/2011.
3. Participant, Bengkel Value Creation, N23A-IBD, UTM, 10-11/03/2011.
4. Participant, Bengkel First Mathematics in Industry Study Group (MISG) 2011, Bangunan Canseleri Sultan Ibrahim, UTM, 14-18/03/2011.
5. Participant, Bengkel Pemurnian Prosedur dan Penilaian Program Pasca Ijazah Jabatan Matematik, Bilik Majlis, Dewan Sultan Iskandar, UTM, 21-22/06/2011.
6. Participant, AAAG Book Chapter Writing Workshop, Blok C22-310, Fakulti Sains, UTM, 28/07/2011.
7. Participant, Bengkel Semakan Semula Pengurusan Fakulti Sains 2011, Renaissance Hotel, Melaka, 30-31/12/2011.

Year 2012

1. Participant, Nanotechnology Research Alliance Strategic Planning Workshop, NRA, Hotel Mahkota Melaka, 20-22/01/2012.
2. Participant, Bengkel Sasaran Kerja Tahunan 2012, IIS, Pulau Desaru Beach Resort & SPA, 03-05/02/2012.
3. Peserta, Sambungan Bengkel Pengurusan Akademik dan Penyediaan Dokumen COPIA, FS 2012, Bilik Mesyuarat Utama FS, 23/02/2012.
4. Peserta, Bengkel CRR Online, Jabatan Sains Matematik, Makmal Komputer 3, C22 Aras 3, 29/02/2012.
5. Participant, AAAG Monthly Algebra and Analysis Seminar Series, C22-310, 05/04/2012, 03/05/2012.
6. Penceramah, BENGKEL Mathematical Sciences RESEARCH METHODOLOGY, JABATAN SAINS MATEMATIK, FAK. SAINS 2012, Institut Ibnu Sina, 12/04/2012.
7. IIS Seminar Series 40, IIS, 18/04/2012, Speaker: Prof. Saidakhmat N. Lakaev, Spectral analysis of the two-particle Schrodinger operator on lattices.
8. Participant, Innovative Knowledge Transfer Training, Institut Ibnu Sina, 09/05/2012.
9. Participant, Intellectual Property (IP) Workshop, AAAG, C22-310, 24-25/05/2012.
10. Presenter, International Conference on Applied Analysis and Algebra (ICAAA2012), 20-24/06/2012, Yildiz Technical University, Istanbul, Turkey, Paper: Mixed Boundary Value Problems, Integral Equations and the Generalized Neumann Kernel, Samer A.A. Al-Hatemi, Ali H.M. Murid, M.M.S. Nasser.

11. Peserta, Bengkel Pemurnian "Graduate Studies Handbook" dan Brosur Fakulti Sains Program Pasca Ijazah FS, Bilik Seminar Jabatan Kimia, 05-06/07/2012.
12. Bengkel Pemurnian Dokumen COPPA dan COPIA Program Pra-Siswazah Fakulti Sains UTM, Bilik Seminar Jabatan Kimia, 10-11/07/2012.
13. Participant, Bengkel Penyediaan Bahan Pembelajaran Open Courseware (OCW) UTM, Bayview Hotel Melaka, 28-30/09/2012.
14. Participant, Mathematics Colloquium, DK2, C17, Fakulti Sains, 31/10/2012, Speaker: Seyed Mehdi Karimi Sangdehi (PhD student).
15. UTM Postgraduate Info Day 2012, Dewan Besar UTM KL, 17-18/11/2012.
16. Presenter, Regional Annual Fundamental Science Symposium 2012, 10-13/12/2012, Persada Johor Convention Centre, JB, Paper: Integral Equation with the Generalized Neumann Kernel for Computing Green's function on Simply Connected Regions, Ali H. M. Murid, Mohamed M. S. Nasser, and Mohamed M. A. Alagele.
17. Participant, Bengkel Pemurnian Dokumen COPPA Program Pasca Ijazah Jabatan Sains Matematik, 13-14/12/2012, C22-310.
18. Presenter, Simposium Kebangsaan Sains Matematik ke-20, 18-20/12/2012, Hotel Palm Garden, Putrajaya, Paper: Annulus with Radial Slits Maps of Unbounded Multiply Connected Regions, Arif A. M. Yunus, Ali H. M. Murid and Mohamed M. S. Nasser.
19. Peserta, Bengkel Semakan Semula KAI FS 2012 dan Perancangan Strategik KAI FS 2013, Hotel Mahkota Melaka, 28-30/12/2012.

Year 2013

1. Peserta, Bengkel COPPA program penyelidikan di Jabatan Sains Matematik, Bilik Mesyuarat Aras 3, C22, UTM, 09-10/01/2013.
2. Participant, Nanotechnology Research Alliance (NRA) Strategic Alignment Workshop 2013, Avillion Hotel, Port Dickson, 06-08/02/2013.
3. Peserta, Bengkel Penambahbaikan dokumen SAR untuk Audit unit kualiti, Bilik Seminar Jabatan Kimia, Fakulti Sains, UTM, 06-08/03/2013.
4. Peserta, Bengkel Perancangan Strategik Utm Centre For Industrial & Applied Mathematics (UTM-CIAM) 2013, Cengal Suite, Pulau Spring Resort, 15/03/2013.
5. Penceramah Jemputan, International conference on inverse problems and partial differential equations, 9 Mei 2013 - 11 Mei 2013, University of Central Florida, Orlando, Florida. Tajuk: Disk with spiral slits Maps and its Inverse Bounded Multiply Connected Regions.
6. Peserta, Bengkel pemurnian dan semakan program pra-siswazah Jabatan Sains Matematik, Makmal Komputer III C22, UTM, 23-24/07/2013.
7. Participant, Book Chapter Workshop 2013, Theater 2, Ibnu Sina Institute for Fundamental Studies, (IIS) UTM, Johor, 27/08/2013.
8. Penceramah Jemputan, Scientific and Writing Thesis Workshop, 11 September 2013, Faculty of Science, UTM.
9. Participant, Postgraduate Programme Audit, Bilik Mesyuarat Utama Fakulti Sains, C17, 25/09/2013.
10. Participant, International Seminar on Mathematics In Industry 2013, FBME, UTM, 27-28/11/2013.
11. Peserta, Bengkel penilaian soalan peperiksaan akhir sem 1 sesi 2013/2014 JSM FS, Aras 3 Blok C22, 11/12/2013.
12. Participant, Algebra and Analysis Seminar Series, Aras 3 dan 4 Blok C22, 18/03/2013, 22/04/2013, 20/05/2013, 03/07/2013.

Year 2014

1. Bengkel Perancangan Strategik Utm Centre For Industrial & Applied Mathematics (UTM-CIAM) 2014, Pusat Latihan UTM, 15/01/2014.
2. Bengkel Mathematics in Industry Study Group Australia (MISG 2014), Queensland University of Technology (QUT), 28/01/2014-01/02/2014.
3. Journal MATEMATIKA Workshop, Pusat Latihan UTM, 05/02/2014.
4. 2nd International Mathematics in Industry Study Group Malaysia (MISG 2014), Sultan Ibrahim Chancellery Building, UTM, 17-21/03/2014.
5. Trans Disciplinary Research Grant Scheme (TRGS) Workshop, Bilik Majlis & Bilik Canselor (Dewan Sultan Iskandar), 08/04/2014.
6. Seminar Kebangsaan Matematik dalam Industri 2014 (SKMI 2014), Dewan Senat, UTM, 03/06/2014.
7. Mathematical Modeling in Disease Transmission Workshop, C22, Bilik Mesyuarat, Fakulti Sains, UTM JB, 18/06/2014.
8. Bengkel Penulisan Book Chapters Kepada Staf Akademik, Rumah Alumni UTM, 23-24/06/2014.
9. Program Leader, LaTeX Beamer Workshop, Lab 1, C22 Level 3, Faculty of Science, UTM, 24-25/06/2014.
10. Bengkel Jabatan Sains Matematik - Hands On Scival Expert Training, Fakulti Sains 2014, 20/07/2014.
11. 4th Johor Biotechnology Conference & Exhibition, The Puteri Pacific, 26-27/08/2014.
12. Bronze medal, 16th Industrial Art and Technology Exhibition (INATEX) 2014, Dewan Sultan Iskandar, UTM, 30/09/2014-02/10/2014. Mempamerkan produk ciptaan/inovasi bertajuk Graphical User interface for Conformal Mapping-Based Image Processing.
13. National Workshop on EU HORIZON 2020 and Other Opportunities for Research and Innovation in Europe, Dewan Utama Menara Razak, UTMKL, 28-29/10/2014.
14. Workshop Demand-Driven Innovation Project by Public-Private Research Network (PPRN), UTM Kuala Lumpur, 17-20/11/2014.
15. Strategic Planning Workshop Ibnu Sina Institute For Scientific and Industrial Research (ISIR), Pulau Desaru Beach Resort, 15-16/12/2014.

Year 2015

1. Bengkel Perancangan Strategik 2015, UTM-CIAM, Bilik Jamuan, DSI, UTM, 05/01/2015.
2. Lawatan Industri ke GALAXY Services (M) Sdn Bhd, 22/01/2015.
3. Facilitator, Malaysia Mathematical Modelling Camp 2015 (MMMC2015), UTM, 30/03/2015 -02/04/2015.
4. Participant, 3rd Mathematics In Industry Study Group Malaysia 2015 (MISG2015), UTM, 06-10/04/2015.
5. Lawatan Industri ke MARDI, Serdang, Selangor, 21/05/2015.
6. Facilitator, Workshop on Demand-Driven Innovation Project by Public Private Research Network (PPRN), 29th July 2015, Dewan Perdana, Le Grandeur Palm Resort, Senai, Johor. Bengkel Laporan Kemajuan Pusat Penyelidikan Ibnu Sina Institute, Dewan Al-Marbawiy, UTM, 23/08/2015.
7. Presenter, The 2nd International Conference on Soft Computing and Computational Mathematics, Aseania Resort Langkawi, Simpang 3, Jalan Pantai Tengah, Mukim Kedawang, Langkawi, Kedah Darul Aman, Malaysia, 10-11/12/2015, Paper: Ali W.K. Sangawi, Kashif Nazar, Ali H.M. Murid, A Numerical Method for Locating the Zeros of Ahlfors Map for Doubly Connected Regions.

Year 2016

1. Invited Speaker, Mathematics in Industry Seminar Series, UTM-CIAM, 27/04/2016. Title: Mathematical Modelling of Surface Decontamination by Clay Solution.
2. Presenter, Kolokium GUP 2012, UTM, 17/05/2016. Title: Spiral Slit Maps and Straight Line Slit Maps of Multiply Connected Regions Via the Generalized Neumann Kernel and its Adjoint.
3. Presenter, International Conference & Workshop on Mathematical Analysis 2016 (ICWOMA 2016) Century Langkawi Beach Resort, Langkawi, Malaysia, 02-04/08/2016. Paper: Kashif Nazar, Ali H.M. Murid and Ali W.K. Sangawi, The Computation of Zeros of Ahlfors Map for Multiply Connected Regions.
4. Invited Speaker, Wolfram Mathematica Workshop, Ibnu Sina Institute, 16-17/08/2016.
5. Facilitator, One Day High Impact Publication Workshop, Ibnu Sina Institute, UTM, 23/08/2016.
6. Penceramah Jemputan, Simposium Kebangsaan Sains Matematik ke-24, 27 - 29 September 2016, Primula Beach Resort, Kuala Terengganu, Terengganu, Malaysia. Tajuk: Pemetaan Konformal Berangka Melalui Persamaan Kamiran dan Penggunaannya.
7. Plenary speaker, 7 th International Conference on Numerical Optimization and Operations Research (ICNOOR-VII), 31 October 2016 - 2 November 2016, Army Hotel, Hanoi, Vietnam. Paper: Ali Wahab Kareem Sangawi, Ali Hassan Mohamed Murid, Khiy Wei Lee, Disk with Circular Slits Map of Bounded Multiply Connected Regions with Application to Brain Image.
8. Facilitator, Review Paper Writing Workshop, Ibnu Sina Institute, UTM, 06/12/2016.

Year 2017

1. Participant, Bengkel dan Klinik iOBE Jabatan Sains Matematik Semester I Sesi 2016/2017, 22 Januari 2017 (Ahad), Makmal Komputer 1, Jabatan Sains Matematik, Aras 3, Blok C22, Fakulti Sains, UTM.
2. Participant, ADVANCE eLEARNING Course, 6 Februari 2017, Makmal Komputer CTL, UTM.
3. Participant, Bengkel Semakan Polisi Penyelidikan UTM, 7 Febuari 2017, Dewan Benquet, Bangunan Canseleri Sultan Ibrahim, UTM Johor Bahru.
4. Participant, Bengkel Kelestarian Jurnal, Anjuran Pusat Sitasi Malaysia, 13 Januari 2017, Akademi Kepimpinan Pendidikan Tinggi (AKEPT), Bandar Enstek, Negeri Sembilan
5. Participant, Bengkel Digtal Object Identfier (DOI), 4 Mei 2017, KPT, Putrajaya.
6. Participant, Bengkel Penilaian Soalan Peperiksaan Akhir Sesi II Semester 2016/2017, Jabatan Sains Matematik, 9 Mei 2017, UTM.
7. Keynote speaker, 2nd International Conference of Natural Sciences (ICNS2017), 5-6 July 2017, Chamchamal, Sulaimani, Kurdistan, Iraq. Title: Mathematics In Fluid Flow, Image Processing, And Surface Decontamination.
8. Invited speaker, International Seminar on Mathematics in Industry (ISMI2017), 1st – 2nd August 2017 at Pulau Springs Resort, Johor Bahru, Johor. Title: Fast Computation of Disk And Annulus with Circularslits Map of Bounded Multiply Connected Regions with Application to Biomedical Image Processing.
9. Invited speaker, Simposium Kebangsaan Sains Matematik ke-25 (SKSM25), 27-29 Ogos 2017, HOTEL MS Garden, Kuantan, Pahang. Title: Convergence of the Series for theSzegö Kernel for an Annulus Region.
10. Participant, Bengkel Pembentangan Laporan Akhir bagi Geran Projek di bawah Program Flagship UTM-CIAM dan Book Chapter, 16 November 2017, Bilik Mesyuarat UTM-CIAM, Bangunan C08, Aras 3.

11. Participant, GUP Collaborative Research Grant (CRG) application workshop, 7 December 2017 (Thursday), UTM-CIAM Meeting Room, Block C08 Level 3, Universiti Teknologi Malaysia, Johor Bahru.

Year 2018

1. Invited speaker, Program Wacana Ilmiah Matematik Kewangan, Fakulti Sains dan Teknologi, USIM, 26 Februari 2018 (Isnin), Bilik Mesyuarat Utama, FST, 2.30 pm. Title: Conformal Mapping, Fluid Flow, and Image Processing.
2. Invited speaker, Popular Science Seminar Series 14, 27/03/2018 (Tuesday), 2.15 pm - 3.15 pm, DK1, C17, UTM, Title: Conformal Mapping, Boundary Value Problems, Fluid Flow, and Image Processing.
3. Invited speaker, International Seminar on Mathematics in Industry & International Conference on Theoretical and Applied Statistics 2018 (ISMI-ICTAS18), 4–6 September 2018, Universiti Teknologi Malaysia Kuala Lumpur. Title: Solving Surface Decontamination Model using Laplace Transform.
4. Team leader and Jury member, Al-Khwarizmi International Mathematics Olympiad competition, 26 – 31 October 2018, Urgench City, Uzbekistan. Sponsored by Uzbekistan State World Languages University, Tashkent, Uzbekistan.
5. Presenter, The 14th International Symposium on Geometric Function Theory and Applications (GFTA 2018), 3–6 December 2018, Puri Pujangga Hotel, Universiti Kebangsaan Malaysia. Title: Numerical Conformal Mapping of Bounded Multiply Connected Regions onto a Disk with a Straight Slit and Logarithmic Spiral Slits. Co-authors: Arif A. M. Yunus & Mohamed M. S. Nasser.

Year 2019

1. Peserta, Ibnu Sina Institute Intellectual Discourse – Merungkai Rahsia Cendekiawan Islam: Ibnu Sina, 14 Januari 2019, Dewan Teater 1, Institut Ibnu Sina, UTM, 10-11am.
2. Peserta, Minggu Penyelidikan 2019 Fakulti Sains – Get Your Funds With International Grants, 17 Januari 2019, Dewan Kuliah 2, Blok C17, UTM, 8.00am – 4.00pm.
3. Peserta, Minggu Penyelidikan 2019 Fakulti Sains - Grant Proposal Writing Workshop (Bengkel Penulisan Geran), 24 Januari 2019, Ibnu Sina Institute for Scientific and Industrial Research, Blok N31, Institut Ibnu Sina, UTM, 8.00am – 1.00pm.