Sistem maklumat

Fathi M.b.S., Salim N. 2007. Information Retrieval Technique on Spatial-Temporal Database of Malaysian Biodiversity. *PostGraduate Annual Research Seminar*, July 2007, Johor Bahru.

Iskandar I., Salim N. 2007. Virtual Document for Peer-to-peer Database Clustering. *PostGraduate Annual Research Seminar,* July 2007, Johor Bahru

Krisna A. & Salim N. 2007. Metadata Management Model For Relational Database Publication On Grid : An Ontology Based Framework. *PostGraduate Annual Research Seminar,* July 2007, Johor Bahru,

*Saidah S. & Salim N. 2007. Build Islamic Ontology based on Ontology Learning. *PostGraduate Annual Research Seminar*, July 2007, Johor Bahru

Salim N & Shah J.Z. 2007. A soft hierarchical algorithm for the clustering of multiple bioactive compounds. *First conference on Bionformatics Research and Development, 1*2-14 March, 2007, Berlin, **Germany**

Shafie M.b.M.R. & Salim N. 2007. Correlation between Molecular Similarity and Sub-Structure Search. *PostGraduate Annual Research Seminar*, July 20, Johor Bahru,

Shah J.Z. & Salim N. 2007. A Soft Hierarchical Algorithm for the Clustering of Multiple Bioactive Compounds. Ddlm. Istrail S., Pevner P. & Waterman M. (Pnyut.). *Lecture Notes in Bioinformatics,* Vol. 1: pp. 140-153

Siriporn Chimphlee S., Mohd Salihin M.b..N. & Salim N. 2007. Mining User Access Patterns for Web Pages Prediction. *PostGraduate Annual Research Seminar*, July 2007, Johor Bahru,

Wong K.Y., Okfalisa & Salim N. 2007. A knowledge diagnostic system for product defects. *Proc. of the 3rd I*PROMS Virtual International Conference on Innovative Production Machines and Systems*, Cardiff, **United Kingdom**: pp.244-249

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FORUM AKADEMIA SAINS MATEMATIK DI IPT DAN LAIN-LAIN DALAM NEGARA 2007

9-11 Mac, 2007: *3rd International Colloquium on Signal Processing and its Applications (CSPA 2007),* , Malacca, *UiTM*

16 - 18 Mac 2007: *Konferensi Akademik Ke-7*, UiTM. Selesa Beach Resort, Port Dickson

5–7 Jun 2007: *Simposium Kebangsaan Sains Matematik Malaysia Ke-15 (SKSM15:2007)/15th National Mathematical Sciences Symposium (SKSM15:2007),* , Concorde Hotel, Shah Alam, UiTM-PERSAMA

25 Jun 2007: *Konferensi Mini Matematik* 2007 , FTSMK, UiTM

3-5 Julai 2007: *Conference on Scientific and Social Science Research (CSSR06'07),* 3-5 July 2007, Sunway Hotel PJaya

12-13 Jun 2007: *Malaysian Finance Association s 9th Annual Conference*, , Shah Alam. UiTM-MFA

12-14 Dis. 2007: *UiTM international Conference on e-Learning (UiCEL 2007)*

Kolokuium Siswazah/*Post-Graduate Colloquium*, FTMSK, UiTM

19 November 2007: Rohana E. 2007. Detection and classification of microcalcification in mammography images using fuzzy-snake algorithm.

1 Dis 2007: Shaharuddin C.S. A Generalized Class of Close-to-Convex Function.

Kolokuium Matematik/*Mathematics Colloqium*, FTMSK/FSKM, UiTM

19 Januari 2007: Rohana E., Haar wavelet transformation on time series data

13 Apr 2007 : Daud M. , Isues on Ranking Fuzzy Numbers.

? August 2007: Yee C.F. 2007, Social Cost Benefit Analysis on Loans Utilization in the Malaysian Manufacturing Sector.

Kolokium Pusat Pengajian Statistik, FTMSK UiTM Shah Alam

Adrian I. 2007. The Design of Studies of Medical Research.

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22-23 Feb 2007: *Persidangan Kebangsaan Islam Hadhari dan Profesionalisme*.. PPUM, UKM
26 Mei 2007: *Seminar PPSM 2007,* Selesa Hill Homes, Bukit Tinggi, Pahang
29 Mei 2007: *Simposium Kebudayaan Indonesia Malaysia (SKIM) ke-10*, FSSK, UKM
26–27 Jun 2007: *Kolokium Siswazah Ke-7*, FST, UKM
28 Ogos 2007: *Seminar Siswazah Multimedia Fakulti Teknologi Sains Maklumat*, UKM, Hotel Marriot.
18 – 20 Nov. 2007: *Seminar Kebangsaan JPPG2007: Teknologi Dalam Pendidikan*, Hotel Royal Adelphi, Seremban. FPend, UKM
28 - 29 Nov. 2007: PABSM'07 (*Persidangan Antarabangsa Sains Matematik*)/*International Conference on Mathematical Sciences (ICMS2007)*, Hotel Equatorial, Bangi-Putrajaya, Malaysia, anjuran PPSM, UKM dan PERASAMA.
5 Dis. 2007: *Persidangan Kebangsaan Sains Pengaturcaraan 2007 (Atur'07)*, 5 December 2007, UKM
10-11 Dis. 2007: *Seminar Kebangsaan Merapatkan Jurang Digital*, Pusat Kajian E-Komuniti, UKM
11-12 Sept. 2007: *Seminar Siswazah/* Postgraduate Seminar , *FTSM*, UKM, IOI Resort Putrajaya
12 Sept. 2007: *Seminar Siswazah Kumpulan Penyelidikan Teknologi Pengurusan Pengetahuan dan Sistem Maklumat (KnoTIS)*, 11-, Palm Garden Hotel, IOI Resort, Putrajaya, FTSM, UKM

Kolokuium mingguan oleh ahli akademik PPSM/Jemputan/Pelajar Pasca-Siswazah
Seminar Pendidikan Kejuruteraan dan Alam Bina (PeKA07), UKM
Simposium Kebudayaan Indonesia Malaysia (SKIM) ke-10. FSSK,UKM

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26 - 27 Jun 2007*: International Conference on Libraries, Information and Society (ICoLIS) 2007,* Kuala Lumpur, Malaysia. FTMSK, UM
4 -5 Ogos 2007: *Seminar Pendidikan Pra Universiti/Matrikulasi*, , Hotel Hilton, Petaling Jaya, Pusat matrikulasi, UM
27 – 28 Nov. 2007: *2nd International Conference on Informatics (Informatic 2007*). Petaling Jaya, Selangor. UM
27-28 Nov. 2007: *Internet I-technology Innovation Seminar 2007 for the ENUM and Next Generation Net. MyNic dan MCMC*, University Malaya & Malaysian Network Information Centre (MYNIC)
12-14 Dis. 2007: *The 9th Islamic Countries Conference on Statistical Sciences*, , Shah Alam. UM-ISM

??International Conf. on Sino-Malaysian Relations and Ethnic Chinese in Malaysia, Institute of Malaysian Studies, Xiamen University and Institute of China Studies, University of Malaya and Xiamen University
??International Conference on Development of Values in Mathematics and Science Education, K.L

Siri Kolokuium ISM, UM 2007

Dec 17	Rahul Mukerjee (Indian Institute of Management, Calcutta) *On the Existence of Nested Orthogonal Arrays*
Dec 17	Wai Kong (John) Yuen (Department of Mathematics, Brock University,Canada) *Convergence and efficiency of MCMC algorithms*
Dec 5	E.J. Godolphin (Royal Holloway, University of London) *Diagnostic monitoring and validation in experimental design*
Oct 31	Lim Ming Huat (University of Malaya) *Additive preservers of non-zero decomposable tensors*
Oct 24	Wong Wai Kuan (Ph.D. candidate, University of Malaya) *Control charts with probability limits*
Sept 28	Suzeini Abdul Halim (University of Malaya) *Estimates on the second Hankel functional for convex and starlike functions with respect to symmetric points*
Sept 28	Angelina Chin Yan Mui (University of Malaya) *Clean rings and related classes of rings*
Sept 20	J. C. Misra (School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, India) *Mathematical Modelling in Cardiovascular System Dynamics*
Sept 19	J. C. Misra (School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, India) *Origin and status of the highly emerging field of Mathematical Biology*
Sept 19	Noor Azlinna Azizan (University of Malaya)) *Is the Volatility Information Transmission Process Between the Crude Palm Oil Futures Market and its Underlying Instrument Asymmetric?*
Sept 12	Yap Yee Jiun (Center for Advanced Informatics, MIMOS) *Intelligent Resource Management in the National Grid Computing Platform*
Aug 27	Robert Seymour (University College, London University) *Towards Integrated Models of Coral Reef Ecosystems*
Aug 22	Chia Gek Ling (University of Malaya) *On graphs whose square have strong Hamiltonian properties*
Aug 17	Wong Kok Bin (Ph.D. candidate, University of Malaya) *Outer automorphism groups*
Aug 15	Seyed Massoud Amini (Tarbiat Modares University, Tehran, Iran) *Hard problems attacked by quantum computers*
Aug 8	Seyed Massoud Amini (Tarbiat Modares University, Tehran, Iran) *Quantum algorithms*
Aug 1	Seyed Massoud Amini (Tarbiat Modares University, Tehran, Iran) *Quantum bits and gates*
July 30	Kanhaiya Jha (Kathmandu University, Nepal) *Fixed point theory in analysis and its applications*
July 27	Seyed Massoud Amini (Tarbiat Modares University, Tehran, Iran) *Harmonic analysis on quantum groups*
July 25	Seyed Massoud Amini (Tarbiat Modares University, Tehran, Iran*)* *Harmonic analysis on other algebraic structures*
July 25	Lim Ming Huat (University of Malaya)

Adjacency preserving functions

July 23 Seyed Massoud Amini (Tarbiat Modares University, Tehran, Iran)
Harmonic analysis on topological groups

July 20 Career Talk by Sharon Chen and Roslinda Abdul Aziz (*Clinical Research Centre*, Hospital Kuala Lumpur)

July 18 Graham Farr (Caulfield School of Information Technology, Monash University)
Eigencircles of 2x2 real matrices

July 16 Graham Farr (Caulfield School of Information Technology, Monash University)
A survey of Tutte-Whitney polynomials

July 16 Harold Ramkissoon (The University of the West Indies, Trinidad)
Wall effects on a Spherical Particle

July 13 Harold Ramkissoon (The University of the West Indies, Trinidad)
On Thermal Instabilities in a Visco-elastic Fluids–Some Recent Results

July 11 Harold Ramkissoon (The University of the West Indies, Trinidad)
Thermal Instability ∓ EAn Introduction

July 4 Harold Ramkissoon (The University of the West Indies, Trinidad)
Stokes Flow Past a Slightly Deformed Fluid Sphere

July 3 Harold Ramkissoon (The University of the West Indies, Trinidad)
On a Boundary-Value Problem

June 29 Harold Ramkissoon (The University of the West Indies, Trinidad)
On a System of Equations in Fluid Mechanics

June 28 Harold Ramkissoon (The University of the West Indies, Trinidad)
Fluid Mechanics An Introduction

May 18 Esfandiar Eslami (Shahid Bahonar University of Kerman, Iran)
Algebraic Fuzzy Logic

May 17 Anthony C. Atkinson (London School of Economics)
Adaptive designs for clinical trials that maximize utility

May 16 Anthony C. Atkinson (London School of Economics)
Data driven clustering with the forward search

May 4 A.H.M. Rahmatullah Imon (University of Rajshahi, Bangladesh)
On the role of outliers and high leverage points in regression variable selection

Ap 25 A.H.M. Rahmatullah Imon (University of Rajshahi, Bangladesh)
Deletion bootstrap in linear regression

Ap18 A.H.M. Rahmatullah Imon (University of Rajshahi, Bangladesh)
Bootstrap test of significance for logistic regression parameters

Ap.12 A.H.M. Rahmatullah Imon (University of Rajshahi, Bangladesh)
Heteroscedasticity in regression and time series analysis

Ap. 05 Wong Yoke Chen (Ph.D. candidate, University of Malaya)
A statistical measure of herding in stock markets

Mar 20 Kunio Shimizu (Keio University, Japan)
A circular-circular regression with wrapped Cauchy errors

Mar 16 Goh Yann Ling (Ph.D. candidate, University of Malaya)
Confidence Intervals for the Quantiles of the Quadratic Normal Distribution

Feb 09 Shahjahan Khan (University of Southern Queensland, Australia)
Shrinkage Preliminary Test Estimator Based on Wald, Likelihood Ratio and Lagrange Multiplier Tests for Multiple Regression Model

Feb 08 Shahjahan Khan (University of Southern Queensland, Australia)
Bayesian and Non-bayesian Prediction Distribution for Multivariate Simple Regression Model with Correlated Multivariate Normal Responses

Feb 07 Gyula O.H. Katona (Alfred Rényi Institute, Hungarian Academy of Sciences)
Forbidden Inclusion Patterns in Families of Subsets

Feb 05 Atanu Biswas (Indian Statistical Institute, Kolkata, India)
A Covariate Adjusted Adaptive Design for Two-stage Clinical Trials with Survival Data

Feb 05 Atanu Biswas (Indian Statistical Institute, Kolkata, India)
Discrete-valued ARMA Processes

Feb 02 Ong Seng Huat (University of Malaya)
Generation by Mixtures of Bivariate and Multivariate Distributions with Given Marginals and Correlation

Jan 26 David Smith (University of Exeter)
Dynamic Programming and Inventory Management: What has been learnt in the last generatiion?

Jan 24 David Smith (University of Exeter)
Recent advances in the study of the Dandelion Code, Happy Code, and Blob Code spanning tree representations

Jan 23 David Smith (University of Exeter)
The Best Location for Facilities: Mathematical Models and Practical Exampl

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10-12 April 2007: *Third International Conference on Research and Education in Mathematics (ICREM3) ,* di The Legend Hotel, Kuala Lumpur.

1 Jun 2007-14 Jun 2007: Laboratori Sains Berkomputasi dan Informatik, INSPEM menerima lawatan Dr. Samir Karaa, penyelidik pelawat dari Sultan Qaboos University. Beliau yang menjalankan kerjasama penyelidikan dengan Prof. Madya Dr. Mohamad Othman. Sepanjang berada di INSPEM, beliau telah membentangkan kertas kerja dalam Seminar Mingguan yang diadakan setiap Jumaat

5 – 9 August 2007: *World Engineering Congress (WEC 2007),* Penang, Malaysia. UPM-IEM

4-6 September 2007 : *International Conference on Mathematical Biology 2007* (ICMB07), di Hotel Equatorial Bangi. Seramai 7 orang penceramah jemputan telah membentangkan kertas kerja iaitu Prof. Philip K. Maini, Prof. Gavin Gibson, Prof. Ir. Dr. Sheikh Hussain Sheikh Salleh, Prof. Dr. Koh Hock Lye, Prof. Dr. Rosni Abdullah, Prof. Dr. Mahiran Basri dan Prof. Madya Dr. Mohd Kamil Yusoff. Selain itu, 33 orang membentangkan kertas kerja di mana pembentang kertas kerja tersebut terdiri daripada peserta antarabangsa dan peserta tempatan

5-9 November 2007: *Expository Quantum Lecture Series 1: Geometry, Number Theory & Quantum Physics 2007 (EQuaLS1)* dengan penceramah undangan terdiri dari Martin Sieber (Bristol, UK), Leon Takthtajan (SUNY, New York, USA), S. Twareque Ali (Concordia Univ., Canada), Apostol Vourdas (Bradford, UK), Karol Zyczkowski (Jagellonian Univ., Poland).

3-4 Dis. 2007: *3rd Malaysian Software Engineering Conference,* Mines. UPM

12–14 Dis: *International Convention on Teaching Higher Learning Education/ Persidangan Pengajaran dan Pembelajaran di Institusi Pengajian Tinggi (CTHLE 07),* Palace Of The Golden Places. Organised by Centre of Acedemic Develepment (CADE), University Putra Malaysia.

Seminar Mingguan INSPEM 2007:

5/1/2007: Pn. Sharifah Kartini Said Husain (Penyelia: Dr. Isamiddin S. Rakhimov) Kaedah Inovasi Dalam Pendidikan Matematik, *The Classification of Low Dimensional Complex Filiform Leibniz Algebras*

12/1/2007: Prof. Dr. Chris N. Potts School of Mathematics, University of Southampton, *Scheduling; Models and Algorithms*

19/1/2007: Prof. Dr. Chris N. Potts School of Mathematics, University of Southampton, *Design of Approximation Schemes*

26/1/2007: Prof. Madya Dr. Mat Rofa Ismail Kaedah Inovasi Dalam Pendidikan Matematik Penguasaan Ilmu Mantikdan Matematik Sebagai Tuntutan Agama: Memanfaatkan sejarah Keilmuan Islam

2/2/2007: Prof. Dr. Shahjahan Khan University of Southern Queensland, Dept of Mathematics & Computing *Predictive Inference for Linear Models with Elliptical Errors*

9/2/2007: Pn. Sharifah Kartini SaidHusain (Penyelia: Dr. Isamiddin S. Rakhimov) Kaedah Inovasi Dalam Pendidikan Matematik *On Isomorphism and Invariants of 9- Dimensional Complex Filiform Leibniz Algebras (First Class)*

16/2/2007: Mr. Saied Alikhani (Penyelia: Prof. Dr. Peng Yee Hock) Pengajian Teori *Chromatic Roots and Fibonacci Numbers*

23/2/2007: Mr Khalid Ali Salah (Penyelia: Prof. Madya Dr. Mohd Rizam Abu Bakar) Statistik Komputasi dan Gunaan *On Estimating a Cure Fraction in Population-Based Cancer Survival*

2/3/2007: Dr. Zainiddin Eshkuvvatov Statistik Komputasi dan Gunaan *Numerical Solution Of Singular Integral On Closed Smooth Contour*

9/3/2007: Dr. Lee Lai Soon Statistik Komputasi dan Gunaan *Bin Packaging Problem PartI: Heuristic Approaches*

16/3/2007: Baharrudin Zainal (Penyelia: Prof. Madya Dr. Mat Rofa Ismail) Kaedah Inovasi dalam Pendidikan Matematik *Kesan Penggunaan Ilmu Falak dalam Konteks Agama, Sosial, dan Budaya Di Alam Melayu*

23/3/2007: Suliadi (Penyelia: Prof. Madya Dr. Noor Akma Ibrahim) Statistik Komputasi dan Gunaan, *Modified Generalized partially Linear Model to Analyze Longitudinal Categorical Data*

30/3/2007: Saeed Vahdati (Penyelia: Dr. Zulkifly Abbas) Sains Berkomputasi dan Informatik ,*Using Wavelet as a Numerical Method to EM Problems*

6/4/2007: Sharifah Kartini Said Husain (Penyelia; Dr. Isamiddin S. Rakhimov) Pengajian Teori *On Classification of Low Dimensional Complex Filiform Leibniz Algebras (Part II)*

13/4/2007: Prof. Dr. Ayupov Pengajian Teori *A Cryptosystem Analogous to LUCELG*

20/4/2007: Abdul Wahed Mohd Ismail (Penyelia: prof. Madya Dr. Mohd Rushdan Md Said) Pengajian Teori *Two New Formulas For Generating Infinite Sets of Integer Numbers By The Sum of Two and Three Signed Cubic Numbers*

4/5/2007: Prof. Dr. A.H.M Rahmatullah Imon University of Rajshahi, Bangladesh *Robust Variable Selection in Linear Regression*

11/5/2007: Cik Mahanum Diana bt Jafri (Penyelia: Dr. Zanariah bt Abd Majid) En. Murugason a/l Kalliana (Penyelia: Dr. Mahendran Shitan) Statistik Komputasi dan Gunaan *Solving Second Order Boundary Value problem by Shooting Technique using Backward Difference Formulation Detection of Outliers in non-Linear Time Series*

18/5/2007: Mr Hossien Riazoshams Statistik Komputasi dan Gunaan *Nonlinear Mixed Models, ParameterEstimates*

25/5/2007: Dr. You Kok Yeow Fakulti Sains *Selected Topics in Microwave Sensors*

1/6/2007: Prof. Robert R. Morse University of Evansville, Indiana USA *How Powerful are Computers? A Mathematical View On The Limits of Computation*

8/6/2007: Dr. Muhammad Idrees Ahmad Sultan Qaboos University, Dept of Mathematics and Statistics, *Fitting Johnson's Distribution*

15/6/2007: Cik Yap Lee Ken (Penyelia: Prof. Madya Dr. Fudziah Ismail) Statistik Komputasi dan Gunaan *Explicit and Implicit Block Methods for Solving Special Second Order Ordinary Differential Equations Directly*

22/6/2007: Dr. You Kok Yeow Fakulti Sains *Analytical and Numerical Solutions for Electromagnetic Problems*

29/6/2007: Dr. Zainiddin Eshkuvvatov Statistik Komputasi dan Gunaan *On the Quadrature Formula ForApproximating Singular Integral of Cauchy Type for Ellipse*

6/7/2007: Assoc. Prof. Dr. Ibragimov Gafurjan (Penyelidik Bersekutu INSPEM) Statistik dan Komputasi Gunaan, *On Infinite System of Differential Equations*

13/7/2007: Dr. Ahmad Selamat Fakulti Pertanian, UPM *Application And 'Development' Of Some Existing And 'Newly Formed' Bio-Biased Mathematical Models In Agricultural Sciences*

20/7/2007: Miss Rand Q. Zahroon (Penyelia: Prof. Madya Dr. Mohd Rushdan Md Said) Pengajian Teori *The Decryption Algorithm of the Decimal Cryptosystem*

27/7/2007: Dr. Lee Lai Soon (Penyelidik Bersekutu INSPEM) Statistik dan Komputasi Gunaan *A Genetic Algorithm for Symmetric Travelling Salesman Problem Due Dates*

3/8/2007: Dr. You Kok Yeow Fakulti Sains *Re-Examination and Modification of Formulation Monopole Sensors*

10/8/2007: En. Abdul Kudus (Penyelia: Prof. Madya Dr. Noor Akma Ibrahim) Statistik Dan Komputasi Gunaan *Detection of Influential Observations in Weilbull Regression Model*

17/8/2007: Assoc. Prof. Dr. Massoud Amini Saintis Pelawat, Universiti Malaya *Colloqium Lecture Introduction to Quantum Computers*

24/8/2007: Mr. Hossein Riazoshams (Penyelia: Prof. Madya Dr. Habshah Midi) Statistik dan Komputasi Gunaan, *A Nonlinear Regression Model for ChickensGrowth Data*

7/9/2007: Hassan Soleimani (Penyelia: Dr. Zulkifly Abbas) Sains Berkomputasi dan Informatik *Finite Element Simulation For Radio Frequency (Rf) Waveguide*

14/9/2007: Prof. Mariusz Salwomirski (Vice Rector, University College of Environmental Sciences , Radom Poland) University College of Environmental Sciences, Radom Poland, *Mathematical Modelling Of Primary And Secondary Vortices Accompanying Arterial And Venuous Flow*

21/9/2007: Saeid Alikhani (Penyelia: Prof. Dr. Peng Yee Hock) Pengajian Teori *Roots of Independence Polynomials and Independence Fractals of Certain Graphs*

28/9/2007: Prof. Madya Dr. Gafurjan Ibragimov (Penyelidik Bersekutu INSPEM) Statistik Komputasi dan Gunaan, *Optimal Control Problem for an Infinite System of Differential Equations*

26/9/2007: i) Najmeh Malekmohammadi (Penyelia: Prof. Madya Dr. Azmi Jaafar) ii) Lee Sui Fong (Penyelia: Dr. Leong Wah June) Statistik Komputasi dan Gunaan *i) DEA For Target Setting on Imprecise Data ii) Alternate Step Strategy for Gradient Method*

5/10/2007: Saeedeh Sadat Hossaini Ravandi (Penyelia: Prof. Dr. Abdul Halim Shaari) Sains Berkomputasi dan Informatik *Enhanced Critical Current Density in BI-2223 Superconductory by Nano Particile (Nd,Tb) Addition in Low Percentage*

19/10/2007: Ali Reza Bahiraie (Penyelia: Prof. Madya Dr. Noor Akma Ibrahim Statistik Komputasi Dan Gunaan, *Genetic Algorithms with Financial Application*

2/11/2007: Prof. Madya Dr. Habshah Midi Statistik Komputasi dan Gunaan, *Remedial Measures For Common Misuse of Statistical Techniques in Research*

9/11/2007: i) Ehsanollah Mansourirad (Penyelia: Prof. Madya Dr. Mohd Rizam Abu Bakar) ii) Ng Kooi Huat (Penyelia: Prof. Madya Dr. Habshah Midi) Statistik Komputasi dan Gunaan *i) A Fuzzy Model In Data Envelopment Analysis For Setting Weights ii) Robust Estimation For Individual Observations Control Chart In The Context of Exploratory Analysis*

16/11/2007: Wong Tze Jin (Penyelia: Prof. Madya Dr. Mohd Rushdan Md Said) Pengajian Teori *The Fourth Order of LUC Cryptosystem*

23/11/2007: Assoc Prof. Dr. Bill Barton University of Auckland, New Zealand *The Relevance of Ethnomathematics*

30/11/2007: Nurul Asyikin bt Mohd Azmi (Penyelia: Dr. Zanariah Abd Majid) Statistik Komputasi dan Gunaan *Implicit Block Direct Integration Method of Adams Moultan type for Solving Higher Order Systems of Ordinary Differential Equations*

7/12/2007: Raja Noor Farah Azura bt Raja Maamor Shah (Penyelia: Prof. Madya Dr. Mohd Othman) Sains Berkomputasi dan Informatik, *Introducing Modified Of Degree 6 Chordal Ring Network*

14/12/2007: Prof. Dr. Omirov Bakhrom Abdazovich Institute of Mathematics Uzbekistan, Academy of Science *Conjugacy of Carton Sub Algebras of Complex Finite Dimensional Leibniz Algebras*

21/12/2007: Prof. Dr. Omirov Bakhrom Abdazovich Institute of Mathematics Uzbekistan, Academy of Science, *The Classification of Some Classes of Complex Finite Dimensional Zinbile Algebras*

28/12/2007: Prof. Dr. A.H.M. Rahmatullah Imon Statistik Komputasi dan Gunaan , *Prediction of Rainfall Using Logistic Regression*

Sumber: http://einspem.upm.edu.my/buletin/

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14-17 Mei 2007: *2007 IEEE International Conference on Telecommunications and Malaysia International Conference on Communications,* P.Pinang . USM

28-30 Mei 2007: *National Seminar on Hajj Best Practices Through Advances in Science & Technology*, , CETREE, USM

11-14 Jun 2007*: ICOOL 2007, 3rd International Conference on Open and Online Learning Pedagogical Scripting for Open and Distance Learning (ODL) , hotel equatorial, P.Pinang.*

18 - 22 Jun 2007*: 4th East Asia Regional Conference on Mathematics Education (EATCOME4/USM)*

20-21 Jun 2007: *National Conference on Aerospace Technology of the XXI Century* (AEROTECH-II), Putrajaya, UPM-USM

25 Jun 2007: *Computer Science Postgraduate Colloquium 2007 (CSPC'07),* School of Computer Sc., USM

25 Julai 2007: *5th Iinternational Conference on Literacy* 2007, P.Pinang, USM

Ogos 2007: *2nd Regional Conference on Ecological and Environmental Modeling*, USM

28-30 Nov. 2007: *International Conference on Robotics, Vision, Information and Signal Processing (ROVISP2007),* USM

5-7 Dis 2007: *3rd IMT-GT Regional Conference on Mathematics, Statistic and Application (RCMSA07),* 5-7 December 2007, Gurney Hotel, P.Pinang: USM

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28-29 Mei. 2007*: 2nd International Conference on Mathematics ans Statistics (ICoMS2007)* . IIS, UTM

28 – 29 Mei 2007: *International Conference on Control, Instrumentation and Mechatronics Engineering (CIM'07),* UTM

6-7 Jun 2007: *Annual Fundamental Science Seminar 2006 (AFSS 2006),* UTM,

4-5 Julai 2007*: 3rd Postgraduate Annual Research Seminar (PARS 07),* FSKSM, UTM

2- 5 November 2007: *1st International Malaysian Educational Technology Convention 2007 (IMET 2007),*. Sofitel Palm Resolt, Senai. UTM

5 – 7 Nov, 2007: *International Symposium on GPS/GNSS 2007*, UTM

12-15 Nov. 2007: *Malaysia-Japan International Symposium On Advanced Technology 2007 (MJISAT 2007),* Seri Pacific Hotel, Kuala Lumpur. UTM-MJUC.

2 -5 Nov. 2007: *Konvensyen Antara Bangsa Teknologi Pendidikan* , Johor Baru, UTM

3 Dis. 2007: *1st International Workshop on Hybrid Soft Computing in ICT, Engineering and Social Science*, 3rd Disember 2007, Sofitel Palm Resort, Johor Bahru, Persatuan Teknologi Pendidikan Malaysia (PTPM) and Fakulti Pendidikan UTM

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SEMINAR DSBNYA KELAK/2009 &2010

Sumber seminar luar negara:
HTTP://WWW.AMS.ORG/MATHCAL/
HTTP://WWW.CONFERENCEALERTS.COM/MATHEMATICS.HTM
HTTP://WWW.ALLCONFERENCES.COM/SCIENCE/MATHEMATICS/
HTTP://WWW.MATH.UFL.EDU/DEPT_NEWS_EVENTS/CONFERENCES.HTML
HTTP://AT.YORKU.CA/AMCA/
HTTP://WWW.SIAM.ORG/MEETINGS/CALENDAR.PHP
HTTP://WWW.WORLDSES.ORG/ANNOUNCEMENT.HTM
HTTP://WWW.NETLIB.ORG/CONFDB/CONF_LIST.HTML
HTTP://WWW.MATHGATE.BHAM.AC.UK/MATHSPORTAL
HTTP://WWW.ECMI-INDMATH.ORG/INFO/EVENTS.PHP
sumber seminar dlm negara: HTTP://ATLAS-CONFERENCES.COM/CGI-BIN/CALENDAR/L/DATE/2009-06

ASEAN 2009 & 2010

Filipina
Feb. 6, 2009: 2009 Bicol Mathematics Conference. jrnoche@adnu.edu.ph
April 24 – 25, 2009: Severino V. Gervacio Conference in Graph Theory and Combinatorics (SVGCGTC 2009) nocone@dlsu.edu.ph.
Okt. 23-24, 2009: MATHTED 2009: An International Conference in. Mathematics Education. The 7th Biennial Conference of the Philippine Council of. Mathematics Teacher Educators. rosemarievic@yahoo.com
Mac/Maret 5-6, 2010: 10th Philippine Computing Science Congress (PCSC 2010). The Computing Society of the Philippines (CSP). www.csp.org.ph
Mei 20-21, 2010: 2010 MSP Annual Convention, Cebu City. Philippines Math. Soc.
Jun/Juni 11 - 13, 2010: 2010 International Conference on Networking and Information Technology (ICNIT 2010). Manila. http://www.icnit.org/index.htm

Indonesia
Jun/Juni 9-11, 2009: The IMT-GT 5th International Conference on Mathematics, Statistics and Applications (Indonesia). http://www.math-unand.org/icmsa/
Okt. 12-13, 2009 : IndoMS International Conference on Mathematics and its Applications (IICMA) 2009. Gadjah Mada University, Yogyakarta, Indonesia
Julai/Juli 6-8, 2010: Conference on Industrial and Applied Mathematics. Bandung Institute of Technology, Bandung, Indonesia. http://www.math.itb.ac.id/.
NOV. 23-25, 2010: 3RD INTERNATIONAL CONFERENCE ON MATHEMATICS AND NATURAL SCIENCES (ICMNS) 2010, ITB INDONESIA
HTTP://SEMINAR.FMIPA.ITB.AC.ID/ICMNS2010

Malaysia
?April. 3-5, 2009: 1st ICFCC (International Conf. on Future Computers and Communication). Kuala Lumpur
Jun 22-26, 2009: 5th ASIAN mathematical conference, P.Pinang. PERSAMA-USM & Univ. Awam Malaysia math.usm.my/amc2009
?Okt. 21-23., 2009: INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION IN MATHEMATICS. K.Lumpur. UPM
Nov. 10 – 12, 2009: 3rd International Conference on Science and Mathematics Education(CoSMEd) 2009 Penang COSMED@RECSAM.EDU.MY
Jun/Juni 22-24, 2010: The 6th East Asia SIAM Conference in conjunction with the Applied Mathematics International Conference AMIC2010. Kuala Lumpur, Malaysia. http://math.um.edu.my/easiam/.

Julai/Juli 12-13, 2010: international conference on e-learning. HTTP://ACADEMIC-CONFERENCES.ORG/ICEL/ICEL2010/ICEL10-HOME.HTM

Julai/Juli 13-15, 2010: Contract Optimization: Build Good Business Relationship in Contract Management. http://toplink-asia.com/

Julai/Juli 14-15, 2010: 1st annual world takaful conference: family takaful summit, Malaysia. HTTP://WWW.MEGAEVENTS.NET/TAKAFUL/MALAYSIA

Ogos/Augustus 5, 2010: 7th kuala lumpur islamic finance forum (KLIFF 2010) HTTP://WWW.KLIFF.COM.MY

Ogos/Augustus 3-5, 2010: international conference on mathematical applications in engineering HTTP://WWW.IIU.EDU.MY/ICMAE

Ogos/Augustus 3-5, 2010: International Conference on Mathematical Applications in Engineering: (ICMAE, 2010). Kuala Lumpur, Malaysia. http://www.iiu.edu.my/icmae.

Sep. 22-23, 2010: 2nd international conference on network applications, protocols and services (netapps2010) HTTP://WWW.INTERNETWORKS.MY/NETAPPS2010/

Sep. 27-29, 2010: 4th international malaysian educational technology convention HTTP://IMETC2010.YOLASITE.COM

Sep. 28, 2010: ICCESSE2010 (international conference on computer, electrical, and systems science, and engineering). HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICCESSE/

Sep. 28, 2010: ICCEIT2010 (international conference on computer education and instructional technology) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICCEIT/

Sep. 28, 2010: ICFE2010 (international conference on fluids engineering) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICFE/

Sep. 28, 2010: ICCFD2010 (international conference on computational fluid dynamics) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICCFD/

Sep. 28, 2010: ICFD2010 (international conference on fluid dynamics) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICFD/

Sep. 28, 2010: ICTA2010 (international conference on thermophysics and aeromechanics) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICTA/

Sep. 28, 2010: ICAA2010 (international conference on applied aerodynamics) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICAA/

Sep. 28, 2010: ICITE2010 (international conference on information technology and engineering) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICITE/

Sep. 28, 2010: ICAMCS2010 (international conference on applied mathematics and computer sciences) HTTP://WWW.WASET.ORG/CONFERENCES/2010/KUALALUMPUR/ICAMCS/

Okt. 20-21, 2010: 2nd international conference on islamic science and technology HTTP://SEMINAR.SPACEUTM.EDU.MY/ISTECH2010

Nov. 2-4, 2010: 2nd international conference on quantitative sciences and its applications, ICOQSIA2010 HTTP://WWW.ICOQSIA2010.UUM.EDU.MY

Nov. 3-4, 2010: the 6th imt-gt international conference on mathematics, statistics, and its applications (ICMSA2010) HTTP://RESEARCH.UTAR.EDU.MY/CMS/ICMSA2010/INDEX.HTML

Nov. 26-28, 2010: 2010 international conference on intelligent network and computing (ICINC2010) HTTP://WWW.ICINC.ORG/

Nov. 29- 1 Dis., 2010 international conference on islamic education 2010 HTTP://WWW.ICIED2010.COM

Nov. 29, 2010 graphics and multimedia symposium 2010. HTTP://METALAB.UNITEN.EDU.MY/~GMS10/

Nov. 30- Dis. 3, 2010: the 2nd international conference on mathematical sciences, ICMS2 HTTP://PKUKMWEB.UKM.MY/~PPSMFST/ICMS2/

Dis/Des. 2- 4, 2010: 4th Global Conference on Power Control and Optimization (PCO'2010). Damai Puri Resort, Kucing, Sarawak, Malaysia. http://www.damaipuriresort-kuching.com

Dis. 6-7, 2010: the 2nd international workshop on islamic economics: islamic and conventional microfinance. http://www.ukm.my/ekonis

Dis. 12-14, 2010: the 9th international conference on cryptology and network security (CANS2010) HTTP://FIST.MMU.EDU.MY/CANS2010/

Dis 13-14, 2010: the international conference on mathematics education research (ICMER2010) HTTP://EINSPEM.UPM.EDU.MY/ICMER2010/

Dis. 15-17, 2010: science and technology in the malay world . HTTP://PKUKMWEB.UKM.MY/~SALAM1/INDEX1.HTM

Dis. 15-16, 2010: The International Conference on Mathemtics Education Research. Malacca, Malaysia.

http://einspem.upm.edu.my/icmer2010.
Dis. 17-21, 2010: The 15th Asian Technology Conference in Mathematics (ATCM 2010). University of Malaya, Kuala Lumpur, Malaysia. http://atcm.mathandtech.org.
Dis. 21- 22, 2010: seminar kebangsaan sains komputer dan matematik (SKSKM2010). http://skskm.spus.biz/

Singapura
Mac 30-31, 2009: 4th Asian Takaful Conference (Singapore) http://www.aarkstore.com/reports/4th-Asian-Takaful-Conference-12118.html
Jun 4, 2009: mathematics teachers' conference 2009, national institute of education, Singapore HTTP://MATH.NIE.EDU.SG/AME
Jun 22-27, 2009. ASIAN logic conference. NUS
Julai/Juli 13-17, 2010: 5th international conference on origami in science, mathematics and education (5OSME). singapore management university, singapore, singapore. http://www.origami-usa.org/5osme

Thailand
DIS./DES.17-19, 2009: international conference in mathematics and applications (ICMA-MU 2009). Bangkok. TECMN@MAHIDOL.AC.TH

Sep. 9-12, 2010:The Second Asian Conference on Nonlinear Analysis and Optimization (NAO-Asia2010). Royal Paradise Hotel & Spa, Patong Beach, Phuket, Thailand.
http://www.sci.nu.ac.th/mathematics/nao-asia2010/?page=home
Dis. /Des. 29-31, 2010: ICCAM 2010, International Conference on Computational and Applied Mathematics" Symposium Partial Differential Equations:Modeling, Analysis and Numerical Methods. First Hotel Bangkong 2 Soi Somprasong 1, Petchaburi Road, Tanonphayathai, Rajthavee , Bangkok 10400 Thailand. http://www.waset.org/conferences/2010/bangkok/iccam/.

LUAR NEGARA & LUAR ASEAN 2009 & 2010

AFRIKA

Afrika Selatan
Nov. 29 - December 4, 2009: Southern Right Delta'09 Conference on Teaching Undergraduate Mathematics and Statistics: 7th Delta conference on the teaching and learning of Undergraduate Mathematics and Statistics (South Africa) http://www.delta2009.co.za/

Kursus/Bengkel
Mei 18-22, 2009 : Workshop on Nonlinear Differential Equations (South Africa). http://www.npdes.webs.com

Kenya
Ogos/Augustus 24-26, 2009: 11th PAMRO meeting and All Africa Media Research Conference and Exhibition (Kenya) http://www.pamro.org

Maghribi
April 22-24, 2009: 3rd International Conference on Research Challenges in Information Science (Morocco) http://www.farcampus.com/rcis/
Nov. 19-21, 2009: 2nd Meeting on Optimization Modelization and Approximation: MOMA 2009 (Morocco) http://www-lmpa.univ-littoral.fr/MOMA09

Kursus/Bengkel?
Mei 18-22, 2009 : Numerical Analysis and Scientific Computation with Applications (Morocco) . **Error! Hyperlink reference not valid.**

Nigeria

Nov. 24-27, 2009: NMC-COMSATS second International Conference on Mathematical modeling of global challenging problems in the 21 Century: New models and perspective (Nigeria) http://www.nmcabuja.org

Sinegal

Mei 27-29, 2009: eLearning Africa 2009: 4th International Conference on ICT for Development, Education and Training (Senegal) http://www.elearning-africa.com

Tunisia

Mac 5, 2009: BST Seminar: "Algebra, Combinatorics, Dynamical Systems and Topology" (Tunisia) http://at.yorku.ca/h/a/a/a/52.htm

Nov. 5-6, 2009 . International Conference of Microfluidics and Complex flow (Tunisia) http://www-lsp.ujf-grenoble.fr:80/equipe/dyfcom/ismail/ecm09

Dis/Des 14-18, 2009: Conference Mathematics-Algorithms-Proofs: Formalization of Mathematics (Tunisia) Henri.Lombardi@univ-fcomte.fr, ihsen_yengui@yahoo.fr

Mei/Mai 24-29, 2010: Barcelo Hotel, Gammarth, Carthage, Tunisia (International Conference). http://math.arizona.edu/~dido.

Kursus/Bengkel

Mei/Mai 21-29, 2010: From Carthage to the World: The Isoperimetric Problem of Queen Dido and its Mathematical Ramifications. Tunis Science City, Tunis, Tunisia (Intensive Course);

Nov. 20-23, 2009: International Workshop on Biomathematics and Biomechanics (Tunisia) http://www.univ-rouen.fr/LMRS/WorkshopBio

Amerika Selatan 2009&2010

Brazil

Julai/Juli 13-17, 2009: VIII Brazilian Workshop On Continuous Optimization (Brazil) http://www.impa.br/opencms/pt/eventos/store/evento_0902

Kolombia

Ogos/Augustus 4—7, 2010: Jairo Charris Seminar 2010: Algebraic Aspects of Darboux Transformations, Quantum Integrable Systems and Supersymmetric Quantum Mechanics. Universidad Sergio Arboleda, Sede Rodrigo Noguera Laborde, Santa Marta, Colombia. http://ima.usergioarboleda.edu.co/SJCH/JCHS2010.htm

Maxico

Okto. 26-30, 2009: Waves In Science and Engineering: WIS&E (Mexico) http://www.wise.ipn.mx/

November 24-27, 2009: 13th International Workshop on Combinatorial Image Analysis: IWCIA'09 (Mexico) http://ctrl.cinvestav.mx/~iwcia09/

Amerika Utara 2009 & 2010

AS

Jan. 4-6, 2009: ACM-SIAM Symposium on Discrete Algorithms (SODA09) (USA) http://www.siam.org/meetings/da09/

Jan. 9-11, 2009: Knots in Washington XXVII; 3rd Japan-USA Workshop in Knot Theory (USA) http://home.gwu.edu/~przytyck/knots/index.html

Jan. 17, 2009: N+4th Southern California Topology Conference (USA) http://www.its.caltech.edu/~dannyc/sctc/sctc2009.html

Feb. 5-6, 2009: Exploring statistical issues in financial risk modeling and banking regulation: Explorations Workshop (USA) http://www.niss.org

Feb. 28, 2009: Appalachian set theory (USA) http://www.math.cmu.edu/~eschimme/Appalachian/Index.html

Feb. 27 - March 1, 2009: Knots in Washington XXVIII; Follow up to Workshop on "Knots and Quantum Computing (USA) http://home.gwu.edu/~przytyck/knots/index.html

Mac/Maret 6-7, 2009 :Eigth Colloquiumfest (USA) (Mathematics) http://math.usask.ca/fvk/Mb8.htm

Mac/Maret 7-11, 2009: 2009 Spring Topology and Dynamics Conference: Ulam Centennial Conference (USA) http://www.math.ufl.edu/stdculam/

Mac /Maret10-11, 2009: Ulam Centennial Conference (USA) http://www.math.ufl.edu/stdculam/

Mac/Maret 22-24, 2009 : Geometric Topology: A conference in honor of Steve Ferry at the University of Chicago (USA) http://www.math.uchicago.edu/~shmuel/ferryfest.pdf

Mac/Maret 23-26, 2009: THE SIXTH IMACS INTERNATIONAL CONFERENCE ON NONLINEAR EVOLUTION EQUATIONS AND WAVE PHENOMENA: COMPUTATION AND THEORY (USA) HTTP://WWW.CS.UGA.EDU/~THIAB/WAVES2009.HTML#CHAIR

Mac/Maret 27-28, 2009: Symposium on Topology and Abstract Analysis (USA) http://www.math.ysu.edu/ TopologyConWeb.html

Mac/Maret 27-29, 2009: BOISE EXTRAVAGANZA IN SET THEORY 18 (USA) HTTP://DIAMOND.BOISESTATE.EDU/~BEST/BEST18

April 2-5, 2009: G^3 = Geometric Group Theory on the Gulf Coast (USA) **Error! Hyperlink reference not valid.**

April 3-5, 2009: Kunen Fest : Topology and Set Theory Conference (USA) http://www.math.wisc.edu/kunenfest/

April 16, 2009: Numerical Software Verification II (USA) http://theory.stanford.edu/~srirams/nsv2/

April 17-19, 2009: RTG Workshop on Geometric Group Theory (USA) **Error! Hyperlink reference not valid.**

April 30 - Mei 2, 2009: SIAM International Conference on Data Mining (USA) http://www.siam.org/ meetings/ sdm09/

Mei 1-4, 2009: Cornell Topology Festival (USA) http://www.math.cornell.edu/~festival/

Mei 2-3, 2009: Midwest Topology Seminar (USA). http://www.math.wayne.edu/~rrb/MTS/

Mei 4-13, 2009: The Seventh Annual Spring Institute on Noncommutative Geometry and Operator Algebras: Geometry over F1, Noncommutative Geometry and Zeta (USA). http://www.math.vanderbilt.edu/~ncgoa09/

Mei 13-15, 2009: Moab Topology Conference (USA). http://math.byu.edu/~jpurcell/moab-topology.html

Mei 14, 2009 : Boise Graduate Cryptology Conference, Spring 2009 (USA) http://diamond.boisestate.edu/~liljanab/CryptologySpring09/projects.htm

Mei 17-21, 2009: SIAM Conference on Applications of Dynamical Systems (DS09) (USA) http://www.siam.org/meetings/ds09/

Mei 17-21, 2009: International Conference on Geometric and Combinatorial Methods in Group Theory and Semigroup Theory (USA). http://www.math.unl.edu/events/special/icgs2009/

Mei 17-22, 2009: Topology, C*-algebras, and String Duality: An NSF/CBMS Regional Conference in the Mathematical Sciences (USA) http://faculty.tcu.edu/gfriedman/CBMS/

Mei 18-21, 2009 : Mathematical Modeling in the Medical Sciences: in conjunction with the 24th Annual Shanks Lecture and the Atlantic Coast Symposium on the Mathematical Sciences in Biology and Biomedicine (USA) http://www.math.vanderbilt.edu/~shanks2009/

Mei 18-29, 2009: 2009 Georgia Topology Conference (USA) http://www.math.uga.edu/~topology/

Mei 21-23, 2009 : 22nd Cumberland Conference on Combinatorics, Graph Theory and Computing (USA) http://www.wku.edu/cc22

Mei 24-25, 2009: The Second Graduate Research Conference in Algebra and Representation Theory (USA) http://www.math.ksu.edu/main/events/grad_conf_2009

Jun/Juni 3-19, 2009: Interactions Between Hyperbolic Geometry, Quantum Topology and Number Theory: Workshop: Wednesday June 3rd - Friday June 12th 2009, Conference: Monday June 15th - Friday June 19th 2009 (USA). http://www.math.columbia.edu/~volconf09/

Jun/Juni 2-6, 2009: 29th Annual Great Plains Operator Symposium: GPOTS (USA). http://www.gpots.org

Jun/juni 4-6, 2009: 26th Annual Workshop in Geometric Topology (USA) (Mathematics) Homepage: http://www.uwm.edu/Dept/Math/conf/topology09/main.htm

Jun/Juni 4-6, 2009:Lehigh University Geometry and Topology Conference (USA) (Mathematics) Homepage: http://www.lehigh.edu/dlj0/public/www-data/geotop.html

Jun/Juni 21-27, 2009 :2nd Mile High Conference on Nonassociative Mathematics (USA) http://www.math.du.edu/milehigh

Jun/Juni 23-25, 2009: Geometric Topology in 3 and 4 Dimensions: A conference in honor of Martin Scharlemann (USA) http://www.math.yale.edu/~jj327/conference/index.html

Julai/Juli 6-8, 2009: SIAM Conference on Control and Its Applications (USA) http://www.siam.org/meetings/ct09/

Julai/Juli 13-16, 2009: International Conference on Artificial Intelligence and Pattern Recognition (AIPR-09) (USA). http://www.promoteresearch.org

Julai/Juli 13-16, 2009: MULTICONF-09 (USA). http://www.promoteresearch.org/

Julai/juli 20-24, 2009: The 2nd International Workshop on Engineering Mobile-Based Software and Networking Applications (EMOBS2009): EMOBS2009 (USA). http://conferences.computer.org/ compsac/2009/ workshops/EMOBS2009.html

Ogos/Augustus 1-2, 2009: Workshop on Mathematical Biology and Numerical Analysis (USA) http://taha.cs.uga.edu/workshop09/

Ogos/Augustus 2-4, 2009: 2009 Complex Systems: Summer School - Characterizing and Modeling Complex Systems (USA) http://ffden-2.phys.uaf.edu/complex_systems_ center/complex_systems_2009/ CCSSsummerschool2009.ht

Ogos/Augustus 3-7, 2009: The IMACS World Congress: Computational and Applied Mathematics & Applications in Science and Engineering (USA) http://www.uga.edu/imacs/

Ogos/Augustus 5-7, 2009: 2009 The Dynamics of Complex Systems:: Viewing the World from a New Perspective (USA) http://ffden-2.phys.uaf.edu/complex_systems_center/ complex_systems_2009/ ComplexSystems2009.htm)

Ogos/Augustus 10-14, 2009: BLAST 2009 (USA) http://www.math.nmsu.edu/blast

Ogos/Augustus 23-25, 2009 : SALFORD DATA MINING CONFERENCE 2009: Salford 2009 (USA) HTTP://WWW.SALFORDDATAMINING.COM/

Sep. 13-15, 2009: First National Forum of Young Topologists (USA) (Mathematics) http://www.math.tulane.edu/~rako/forum/

Okto. 1-2, 2009: Finitely Presented Groups: Where do we go from here (USA) http://www.grouptheory.org/conferences-1/finitely-presented-groups-where-do-we-go-from-here/

Okto. 5-8, 2009: 2009 SIAM/ACM Joint Conference on Geometric Design and Solid & Physical Modeling (USA) http://www.siam.org/meetings/gdspm09/

Okto. 9-11, 2009: SIAM Conference on Mathematics for Industry: Challenges and Frontiers (MI09) (USA) http://www.siam.org/meetings/mi09/

Okt. 12-14, 2009, boulder, colorado REALISTIC MATHEMATICS EDUCATION CONFERENCE, USA

Okto. 16-17, 2009: Southeastern-Atlantic Regional Conference on Differential Equations: SEARCDE (USA) http://www.mercer.edu/math/searcde/

Okto. 16-18, 2009: Midwest Topology Seminar (USA) http://www.math.wayne.edu/~rrb/MTS/

Okto. 19-23, 2009: Advanced Course on Topological Quantum Field Theories (Spain) http://www.ual.es/congresos/topologia

Okto. 20-22, 2009: The 3rd International Conference on Cyberlaw: IPRs, Personal Data Protection and National Security (Lebanon) http://www.cybercrime-fr.org/index.pl/cyberlaw2009

Okto. 26-29, 2009: SIAM Conference on Applied Linear Algebra (USA) http://www.siam.org/meetings/la09/

Okto. 30 - November 1, 2009: Lloyd Roeling/University of Louisiana at Lafayette Mathematics Conference: Annual Fall Conference (USA) http://www.louisiana.edu/Academics/Sciences/MATH/roelingconf.html

Nov. 6-8, 2009: Texas Geometry and Topology Conference (USA) http://www.math.tamu.edu/~tgtc/archive/

Nov. 16-18, 2009: 13th IT Infrastructure Compliance, Security and Risk Management: 13th IT Infrastructure Compliance, Security and Risk Management (USA) http://www.itinfrastructuresummit.com

Dis/Des 4-6, 2009: Knots in Washington XXIX: 30 years of quandles, 10 years of Khovanov homology (USA) http://home.gwu.edu/~przytyck/knots/knotsinwashington29.htm

Dis/Des 7-9, 2009: SCADA and Control Systems Security Summit (USA) http://www.scadasecuritysummit.com

Dis/Des 16-18, 2009 : BOISECRYPT 09: Boise Graduate Conference in Cryptology (USA) http://diamond.boisestate.edu/~liljanab/BOISECRYPTFall09/index.htm

2010

Mac/Maret 18-20, 2010: 44th Spring Topology and Dynamics Conference 2010. Mississippi State University, Starkville, Mississippi. http://www2.msstate.edu/~fabel/sptop10a.

Mac/Maret 19-20, 2010:Infinite Possibilities Conference. Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. http://www.ipcmath.org/index.html.
Mac /Maret22-26, 2010: Conference "Recent Advances in Function Related Operator Theory"; Hotel "Rincon of the Seas", Rincon, Puerto Rico. http://www.albany.edu/rafrot; rafrot@albany.edu.
April 12-14, 2010: SIAM Conference on Imaging Science (IS10) Chicago, Illinois. http://www.siam.org/meetings/is10/
April 28-May 1, 2010: SIAM Conference on Data Mining (SDM10). Columbus, Ohio. http://www.siam.org/meetings/sdm10/index.php
Mei 18-22, 2010: 6th Conference on Function Spaces. Southern Illinois University, Edwardsville, Illinois. http://www.siue.edu/MATH/conference2010/.
Mei 23-26, 2010: SIAM Conference on Mathematical Aspects of Materials Science (MS10). Doubletree Hotel Philadelphia, Philadelphia, Pennsylvania. http://www.siam.org/meetings/ms10/.
Jun/Juni 14-17, 2010: SIAM Conference on Discrete Mathematics (DM10). Austin, Texas. http://www.siam.org/meetings/dm10/.
Jun 28--Julai 2, 2010: Fifth Pacific Rim Conference on Mathematics. Stanford University, Stanford, California http://math.stanford.edu/PRCMindex.html.
Julai/Juli 12-14, 2010: International Conference on Theoretical and Mathematical Foundations of Computer Science (TMFCS-10). Orlando, Florida. http://www.promoteresearch.org.
Julai/Juli 16-23, 2010: International Conference on Spectral Geometry, Preceded by Pre-conference Minicourses. Dartmouth College, Hanover, New Hampshire. http://math.dartmouth.edu/~specgeom.
Ogos/Augustus 11-14, 2010: The Fourth International Conference on Neural, Parallel & Scientific Computations. ICNPSC-4, Department of Mathematics, Morehouse College, Atlanta, Georgia. http://www.dynamicpublishers.com/icnpsc4.htm.
Ogos/Augustus 16-19, 2010: SIAM Conference on Nonlinear Waves and Coherent Structures (NW10). Sheraton Society Hill Hotel, Philadelphia, Pennsylvania. http://www.siam.org/meetings/nw10/.
??? Conference on Symmetry, Separation, Super-integrability and Special Functions. School of Mathematics, University of Minnesota, Minneapolis, Minnesota. http://www.math.umn.edu/conferences/s4/.
Okt. 20-22, 2010:International Conference in Modeling Health Advances 2010. San Francisco, California. http://www.iaeng.org/WCECS2010/ICMHA2010.html
Okt. 26-29, 2010: SIAM Conference on Applied Linear Algebra (LA09). Embassy Suites Hotel, Monterey Bay-Seaside, California. http://www.siam.org/meetings/la09/.
Nov. 8—10, 2010: IEEE International Conference on Technologies for Homeland Security. Westin Hotel, Waltham, Massachusetts. http://www.ieee-hst.org.

Kursus/Bengkel

Mac 21-26, 2010: MSRI-Symplectic and Contact Topology and Dynamics: Puzzles and Horizons; Mathematical Sciences Research Institute, Berkeley, California http://www.msri.org/calendar/workshops/WorkshopInfo/475/show_workshop
Mac 22-26, 2010: Equation Hierarchies for Climate Modeling Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. http://www.ipam.ucla.edu/programs/clws1
June 4-6: Topology and Geometry in Dimension Three: Triangulations, Invariants, and Geometric Structures. Oklahoma State University, Stillwater, Oklahoma. http://www.math.okstate.edu/jacofest/

Kanada

April 25-26, 2009 : Cascade Topology Seminar (Canada). http://www.mth.pdx.edu/events/cts/
Mei 2-3, 2009: Pacific Northwest Geometry Seminar (Canada) (Mathematics) **Error! Hyperlink reference not valid.**
Mei 11-15, 2009 : Fields Cryptography Retrospective Meeting (Canada). http://www.fields.utoronto.ca/programs/scientific/08-09/crypto/
Jun/Juni 25-28, 2009, Montréal, Québec, Canada. THE COMPUTER ALGEBRA IN EDUCATION
Jun/Juni 9-13, 2009: International Conference on Nielsen Theory and Related Topics (Canada). http://wolfweb.unr.edu/homepage/keppelma/Nielsen2009.htm
Jun/Juni 15 - July 3, 2009:Summer School and Conference in Geometric Representation Theory and Extended Affine Lie Algebras (Canada) . http://www.fields.utoronto.ca/programs/scientific/08-09/geomrep/

Julai/Juli 26-31, 2009, Montréal, Québec, Canada. CIEAEM (international commission for the study and improvement of mathematics teaching)
Julai/Juli 10-12, 2009: Ninth International Conference on Mathematical Knowledge Management (Canada) http://www.orcca.on.ca/conferences/cicm09/mkm09
Julai/Juli 26-29, 2009: Renaissance Banff II, BRIDGES BANFF: Mathematics, Music, Art, Architecture, Culture (Canada) http://bridgesmathart.org/
Ogos/Augustus 10, 2009: International Symposium on Processing XML Efficiently: Overcoming Limits on Space, Time, or Bandwidth (Canada) http://www.balisage.net/Processing/
Ogos/Augustus 11-14, 2009: BALISAGE 2009, the markup conference (Canada). HTTP://WWW.BALISAGE.NET/

Jun/Juni 28-30, 2010: International Symposium on Voronoi Diagrams in Science and Engineering (ISVD2010). Laval University, Quebec City, Canada. http://isvd2010.scg.ulaval.ca.

Kursus/Bengkel
Mei 11-13, 2009 : The 4th Workshop on Theory of Quantum Computation, Communication, and Cryptography, TQC 2009 (Canada) http://www.iqc.ca/tqc2009
Mei 21-23, 2009 :WaterMellon Workshop on Extremal Graph Theory (Canada) http://www.fields.utoronto.ca/programs/scientific/08-09/watermellon/
Mei 29-30, 2009 :Appalachian set theory workshop (Canada) . http://www.math.cmu.edu/~eschimme/ Appalachian/ Fields.html
Julai/Juli 6-10, 2009: Operator Structures in Quantum Information Workshop (Canada) http://www.fields.utoronto.ca/programs/scientific/09-10/quantuminfo/opstructures/
Julai/Juli 27-29, 2009: Workshop on the Dynamics in Environmental and Geophysical Flows (Canada) http://www.fields.utoronto.ca/programs/scientific/09-10/flows/
Julai/Juli 27-31, 2009: Quantum Marginals and Density Matrices Workshop (Canada) http://www.fields.utoronto.ca/programs/scientific/09-10/quantuminfo/quantmarginals/

Mac /Maret22-26, 2010: Computer Methods for L-functions and Automorphic Forms
Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, 2920, Chemin de la tour, room 5357, Montréal (Québec) H3T 1J4, Canada.http://www.crm.math.ca/Computer10
Jun/Juni 7-11, 2010: Annual Canadian Operator Algebra and Operator Theory Symposium. University of New Brunswick, Fredericton, New Brunswick, Canada.
http://www.math.unb.ca/~dan/coas2010/coas2010Main.htm

Asia Tengah 2009 & 2010

Ukraine

Mei 27 – Jun/Juni 1, 2009: Infinite-Dimensional Analysis and Topology (Ukraine) http://www.idat.frankivsk.org
Ogos/Augustus 13-17, 2009: 7TH INTERNATIONAL ALGEBRAIC CONFERENCE IN UKRAINE: dedicated to the 120th anniversary of Professor Anton Kazimirovich Sushkevich (Ukraine) HTTP://IACONU2009.UNIVER.KHARKOV.UA

Mei 24-29, 2010: International conference "Geometry in Odessa 2010". Odessa National Academy of Food Technologies, Odessa, Ukraine. http://conf.d-omega.org/eng/.
Sep. 7-11, 2010: International Conference "Modern Stochastics: Theory and Applications II". Kyiv National Taras Shevchenko University, Kyiv, Ukraine. http://probability.univ.kiev.ua/msta2conf.

Sep. 21-24, 2010:The 3rd International Conference on Nonlinear Dynamics. National Technical University "Kharkov Polytechnical Institute", Kharkov, Ukraine. http://kpispu.org.ua/en/ND2010_conference.

Asia Timur 2009 & 2010

Jepun/Jepang

Mac 24-27, 2009: 6th International Conference on Multiple Comparison Procedures (Japan) . http://www.mcp-conference.org

MEI, 12-17, 2009: IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION, ICRA2009. tohoku university, Japan

Sep. 7-11, 2009: XXIst Rolf Nevanlinna Colloquium (Japan). http://www.nevanlinna.jp

Nov. 2-7, 2009: DNA Topology Course 2009 (Japan). http://web.me.com/oist_mbu/ DNA_Topology_ Course/Home.html

Mei 26-28, 2010: International Conference on Computational Mathematics (ICCM) 2010 Waorkshop on Advances in Numerical Partial Differential Equations. Holiday Inn Tobu Narita 320-1 TOKKO, CHIBA NARITA, CHIBA, 286-0106 JAPAN. http://www.waset.org/conferences/2010/tokyo/iccm/.

Sep. 13-17, 2010: Third International Congress on Mathematical Software [ICMS'2010-developers meeting]. Department of Mathematics, Kobe University, Kobe, Japan. http://www.mathsoftware.org/.

Tiongkok/China

Ogos/Augustus 27-29, 2009: the asian control conference (ASCC). Hong Kong Univ Sc & Technology

Dis./Des. 17-21, 2009: 14th Asian Technology Conference in Mathematics (ATCM): Beijing Normal University Beijing. ATCM.MATHANDTECH.ORG

Mac /Maret17-19, 2010: IAENG International Conference on Operations Research 2010. Regal Kowloon Hotel, Hong Kong, China. http://www.iaeng.org/IMECS2010/ICOR2010.html.

April 24-25, 2010: The Sixth International Conference on Number Theory and Smarandache Notions. Tianshui Normal University, Gansu, People's Republic of China.

Mei 17-20:The Seventh International Conference on Computational Physics. Fragrant Hill Hotel, Beijing, China. http://www.xsfd.com/; http://www.iapcm.ac.cn/iccp7/.

Mei 31- Jun 4, 2010:International Conference on Advances in Partial Differential Equations and Their Applications. Fudan University, Shanghai, China. http://www.indiana.edu/~fluid/shanghai/shanghai.html

Jun/Juni 7-11, 2010:International Conference on Applied Mathematics (with the first William Benter Prize in Applied Mathematics). City University of Hong Kong, Hong Kong.http://www6.cityu.edu.hk/rcms/WBP/int_conf.html

Jun/Juni 15-19, 2010:The Thirteenth International Conference on "Hyperbolic Problems: Theory, Numerics and Applications". Beijing, People's Republic of China. http://www.amt.ac.cn/hyp2010/.

Jun/Juni 16-20, 2010: Fourth International Conference on Recent Advances in Applied Dynamical Systems. Zhejiang Normal University, Jinhua, Zhejiang, China. http://nonlsci.zjnu.net.cn/

Ogos/Augustus 20-25, 2010: Third International Conference on Boundary Value Problems, Integral Equations and Related Problems. Beijing and Baoding, Hebei, China. http://www.math.pku.edu.cn/3inter.conf-bvp.ie.rps

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Mei 25-27, 2009: DATICS-ICIEA'09 (China). http://digilander.libero.it/systemcfl/datics09-iciea/

Jun/Juni 4-6, 2009: The 5th International Workshop on Mobile Commerce and Services (WMCS2009): WMCS2009 (China) . http://www.engr.edu/wmcs

Jun/Juni 29 – Julai/Juli 3, 2009: Workshop on Stochastic Analysis and Finance (China) http://www6.cityu.edu.hk/ma/wsaf09/

Sub-Benua India 2009 & 2010

Hindia/India

2009

Mac /Maret19-21, 2009 : Analysis and its Applications (AA-BHU-2009) (India) http://internet.bhu.ac.in/seminar

Okto. 26-27, 2009: Conference on BFSI Info-Tech 2009: an exclusive forum for CIO's (India) http://conference.aarkstore.com/

Okto. 27-28, 2009: International Conference on Advances in Recent Technologies in Communication and Computing, ARTCom 2009 (India) http://www.icartcom.com/

Okto. 28-29, 2009: International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2009 (India) http://www.icacctt.com/

Dis/Des 1-2, 2009: International Joint Journal Conference in Computer, Electronics and Electrical, CEE 2009 (India) http://www.ijjccee.com/

Dis/Des 25-27, 2009: 46th Annual Conference of Gujarat Ganit Mandal (India) maths_master@rediffmail.com

Dis/Des 28-31, 2009: Seventh International Triennial Calcutta Symposium on Probability and Statistics (India) http://triennial.calcuttastatisticalassociation.org/sympBrochure.php

2010:

Jun 21-23, 2010: Conference on Special Functions & their Applications-CSFA 2010. School of Mathematics and Allied Sciences (SOMAAS) Jiwaji University, Gwalior (MP), India.http://www.ssfaindia.webs.com/conf.htm.

Julai/Juli 29-30, 2010: ICDEM 2010 Second International Conference on Data Engineering and Management 2010. Bishop Heber College, Tiruchirappalli, Tamil Nadu, India. http://www.demfoundation.org.; http://www.bhc.edu.in;

Ogos/Augustus 12-15, 2010:International Conference on Recent Trends in Graph Theory and Combinatorics, ICRTGC-2010. Cochin, India. http://icrtgc2010.cusat.ac.in/.

Ogos/Augustus 13-17, 2010: ICM Satellite Conference on Probability and Stochastic Processes. Indian Statistical Institute, Bangalore, India. http://www.isibang.ac.in/~statmath/icmprobsat/

Ogos/Augustus 14-17, 2010: Satellite Conference of ICM 2010 on Mathematics in Science and Technology. India Habitat Centre, Lodhi Road, New-Delhi, India. http://www.siam-india.org,www.icm2010.co.cc.

Dis. /Des.19-21, 2010: "Mathematical Sciences for Advancement of Science and Technology" (MSAST 2010). IMBIC Hall, Salt Lake, Kolkata (Calcutta), India. http://imbic.org/forthcoming.html.

Dis./Des. 25-27, 2010:International Conference on Current trends in Mathematics. Allahabad, Uttar Pradesh, India. http://sites.google.com/site/icctm2010/.

Nepal

Feb. 27 - March 1, 2009 : International Conference on Wireless Information Networks & Business Informtion System: WINBIS 09 (Nepal) http://www.winbis-himali.com

Mei 27-29, 2009:7th International Conference on Human Computer Interaction with Mobile Multimedia & Ubiquitous Computing (HCIMMUC 09): HCIMMUC 09 (Nepal). http://www.hcimmuc.com

Ogos/Augustus 22-24, 2009: 2nd International Conference on Wireless Information Networks & Business Information System: WINBIS 09 (Nepal) http://www.winbis-himali.com

Nov. 29-30, 2009: International Conference on Information, Communication & E-Business Engineering: InCEBE2009 (Nepal) http://www.incebe.org

Australia dan N Zealandia/Zealandia Baru 2009 & 2010

Julai/Juli 6-10, 2009: 1st PRIMA Congress 2009 (Australia) http://www.primath.org/prima2009/

Dis/Des 14-18, 2009: New directions in Geometric Group Theory (Australia) http://sites.google.com/site/ggtbrisbane/

Eropah 2009 & 2010

Albania

Jun/Juni 24-27, 2010: ACA 2010: Applications of Computer Algebra. Vlora, Albania. http://aca2010.info/index.php/aca2010/aca2010

Austria

Jun/Juni 26 – Julai/juli 4, 2009: Workshop on "Boundaries" (Austria). http://www.math.tugraz.at/mathc/boundaries09/

Belanda

Ogos/Augustus 3-7, 2009: GIANT FLUCTUATIONS IN POPULATION DYNAMICS (Netherlands) HTTP://WWW.LORENTZCENTER.NL/LC/WEB/2009/352/INFO.PHP3?WSID=352

Belgium

Sep. 2-4, 2009: Workshop in nonlinear elliptic PDEs (Belgium) http://wnpde09.ulb.ac.be/

Bulgaria

Jun/Juni 22-27, 2009: 1st Conference "Application of Mathematics in Technical and Natural Sciences: AMiTaNS'09 (Bulgaria). http://www.eac4amitans.org

Jun /Juni 4-9, 2010: XIIth International Conference on Geometry, Integrability and Quantization. Sts. Constantine and Elena resort, Varna, Bulgaria. http://www.bio21.bas.bg/conference/.

Jun/Juni 5-10, 2010: 36th International Conference "Applications of Mathematics in Engineering and Economics" (AMEE'10). Technical University Leisure House, Sozopol, Bulgaria. http://www.tu-sofia.bg/ENG/fpmi/amee/.

Jun/Juni 19-26, 2010: XIVth International Summer Conference on Probability and Statistics (ISCPS-2010), Seminar of Statistical Data Analysis (SDA-2010), Workshop on Branching Processes and Applications (WBPA-2010). Sozopol, Bulgaria. http://stochastics.fmi.uni-sofia.bg.

Jun/Juni 21-26, 2010: 2nd International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences (AMiTaNS'10). Sozopol, Bulgaria. http://2010.eac4amitans.org/.

Julai/Juli 26-29, 2009: ICSOFT 2009-4th International Conference on Software and Data Technologies (Bulgaria) http://www.icsoft.org

Czec/Ceska (Republik)

Feb. 2-5, 2009 : WSCG 2009: 17-th Int.Conference in Central Europe on Computer Graphics, Visualization and Computer Vision (Czech Republic) http://wscg.zcu.cz

Mei 23-26, 2009: International Conference on Interdisciplinary Mathematical and Statistical Techniques: IMST 2009/FIM 17 (Czech Republic). http://home.zcu.cz/~pgirg/IMST2009/

Jun/Juni 23-26, 2009: The 9th Central European Conference on Cryptography: CECC09 - Trebic09 (Czech Republic). http://conf.fme.vutbr.cz/cecc09/

Julai/Juli 14-17, 2009: 2009 Summer Conference on Topology and Its Applications (Czech Republic) http://www.umat.feec.vutbr.cz/~kovar/webs/sumtopo

Julai/Juli 28-31, 2009 : First International Conference on 'Networked Digital Technologies' (co-sponsored by IEEE) (Czech Repub) http://arg.vsb.cz/ndt2009/Default.aspx

Jun/Juni 7-11, 2010: 7th Annual Conference on Theory and Applications of Models of Computation- TAMC 2010. Charles University, Prague, Czech Republic. http://www.tamc2010.cz.

Jun /Juni 21-25, 2010:International Conference on Algebras and Lattices. Prague, Czech Republic. http://www.karlin.mff.cuni.cz/~ical/.

Kursus/Bengkel

Jan. 31 - February 7, 2009: Winter School in Abstract Analysis: section Topology (Czech Republic) (Mathematics) http://www.winterschool.eu/

Denmark

Ogos/Augustus 9-15, 2009: Summerschool on Mathematics Modelling, Nonlinear Dynamics, stochastic and Complex Dynamics (Denmark) http://www.dtu.dk/subsites/mmc-master/Studying_in_Denmark/Summerschool.aspx

Grik

Mei 29-30, 2009:International Conference on Computer Graphics and Artificial Intelligence: 3IA'2009 (Greece). http://3ia.teiath.gr

Jun/Juni 1 – 5, 2009: 2nd Chaotic Modeling and Simulation International Conference, CHAOS2008 (Greece) http://www.chaos2009.net

Jun/Juni 1-4, 2009: 4th International Conference On Philosophy (Greece). http://www.atiner.gr/docs/Philosophy.htm

Jun/Juni 15-18, 2009 :3rd International Conference on Mathematics & Statistics (Greece) http://www.atiner.gr/docs/Mathematics.htm

Julai/Juli 19 - 24, 2009:33RD ANNUAL MEETING OF THE INTERNATIONAL GROUP FOR THE PSYCHOLOGY OF MATHEMATICS EDUCATION. Thessaloniki, Greece

Julai/Juli 27-30, 2009: 5th International Conference On Computer Science And Information Systems (Greece) http://www.atiner.gr/docs/Computer.htm

Ogos/Augustus 3-6, 2009:4TH INTERNATIONAL SYMPOSIUM ON ECONOMIC THEORY, POLICY AND APPLICATIONS (Greece) HTTP://WWW.ATINER.GR/DOCS/ECONOMICS.HTM

Jun/Juni 1-4, 2010: 3rd International Conference (Chaos2010) on Chaotic Modeling, Simulation and Applications. Chania, Crete, Greece. http://www.cmsim.info/

Jun /Juni 26-30: 2010 International Conference on Topology and its Applications. Nafpaktos, Greece. http://www.math.upatras.gr/~nafpaktos/

Sep. 15-18, 2010: Conference in Numerical Analysis (NumAn 2010): Recent Approaches to Numerical Analysis: Theory, Methods and Applications. Great Arsenale (Old Venetian Harbor) Chania, Island of Crete, Greece. http://numan2010.science.tuc.gr.

Kursus/Bengkel

April 23-24, 2009: Images of Virtuality: Conceptualizations and Applications in Everyday Life (Greece) http://www.imagesofvirtuality.org

Hungaria/Migyar

Mei 24-29, 2009:Workshop on Finsler Geometry and its Applications: on the occasion of the 100th anniversary of the late academician Ottó Varga's birthday (Hungary) . http://www.math.klte.hu/finsler2009/

Ireland

April 6-9, 2009: Joint Meeting of the 61st British Mathematical Colloquium and the 22nd Annual Meeting of the Irish Mathematical Society: BMC 2009/IMS (Ireland) http://www.maths.nuigalway.ie/bmc2009/bmc09.html

Jun/juni 28 – Julai/Juli 3, 2009: 70th European Study Group with Industry (Ireland). www.macsi.ul.ie/2/esgi70

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Nov. 30-10, 2009: 3rd. De Brun Workshop on Algebra, Algorithms & Applications (Ireland) http://larmor.nuigalway.ie/~detinko/DeBrun3.htm

Italia

Mei 11-29, 2009: Advanced School and Conference on Knot Theory and its Applications to Physics and Biology (Italy). http://cdsagenda5.ictp.trieste.it/full_display.php?ida=a08157

Mei 25-29, 2009: 6th European Conference on Elliptic and Parabolic Problems (Italy). http://www.math.uzh.ch/gaeta2009

Jun/Juni 22-26, 2009 : The 10th European Congress of Stereology and Image Analysis (Italy) http://ecs10.mat.unimi.it/

Julai/Juli 7-10, 2009: ICETE 2009- International Joint Conference on e-Business and Telecommunications: ICETE 2009 (Italy) http://www.icete.org/

Nov. 19-21, 2009: IADIS International Conference Applied Computing 2009: AC 2009 (Italy) http://www.computing-conf.org/
Nov. 19-22, 2009: IADIS International Conference WWW/Internet 2009: ICWI 2009 (Italy) http://www.internet-conf.org/

Jun/Juni 16-21, 2010: XI International Conference "Current Geometry". Vietri sul Mare Salerno, Italy. http://www.levi-civita.org/Activities/Conferences/xicurrentgeometry

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Sep. 4-9, 2009: 2nd Dolomites Workshop on Constructive Approximation and Applications (Italy) http://www.math.unipd.it/~dwcaa09
Jun/Juni 8-11, 2010: Nonlinear evolution equations. Hotel "Conchiglia d'oro", Mondello (Palermo), Italy. http://www.imati.cnr.it/~gianazza/mondello2010

Jerman

Jun/juni 15-18, 2009:SIAM Conference on Mathematical & Computational Issues in the Geosciences (Germany) http://www.siam.org/meetings/gs09/index.php
Sep. 11-17, 2009, DRESDEN, Germany. THE MATHEMATICS EDUCATION INTO THE 21ST CENTURY PROJECT
Dis/Des 2-4, 2009: ONLINE EDUCA BERLIN: 15th International Conference on Technology Supported Learning and Training (Germany) http://www.online-educa.com

Julai/Juli 26-30, 2010: 6th International Conference on Lévy Processes: Theory and Applications. Technical University of Dresden, Dresden, Germany. http://www.math.tu-dresden.de/levy2010
Sep. 20-24, 2010:10th International Conference on Parametric Optimization and Related Topics (paraoptX). Karlsruhe Institute of Technology, Karlsruhe, Germany. http://www.ior.kit.edu/paraoptX.php.

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Mac/Maret 20-22, 2009: 77th Workshop on General Algebra: 24th Conference for Young Algebraists (Germany) http://www.math.uni-potsdam.de/~denecke/Aaa77.htm
Mei 7-9, 2009: Algebra and Probability in Many-Valued Logics: International Workshop on Logical and Algebraic aspects of Many-Valued Reasoning (Germany). http://www.mathematik.tu-darmstadt.de/fbereiche/ logik/ events/ apmvl/
Jun/Juni 1-5, 2009:Geometry & Topology at Münster 2009 (Germany). http://www.math.ku.dk/~erik/muenster/
Ogos/Augustus 3-7, 2009: Chern-Simons Gauge Theory: 20 years after (Germany) http://www.hausdorff-center.uni-bonn.de/event/2009/gauge_theory
Ogos/Augustus 17-21, 2009: Summer School on Ergodic Theory of Group Actions (Germany) http://www.uni-math.gwdg.de/ETGA/
Ogos/Augustus 24-28, 2009: Summer school on Geometry and Rigidity of Groups (Germany) http://www.math.uni-muenster.de/u/sauerr/conferences/groups-09.html

Kroatia

Jun/Juni 22-25, 2009: 31st International Conference on information technology interfaces: ITI 2009 (Croatia) http://iti.srce.hr/

Latvia

Julai/Juli 19-23,2010:16th International Conference on Difference Equations and Applications ICDEA2010. Faculty of Physics and Mathematics of University of Latvia, Riga, Latvia. http://icdea2010.lu.lv.

Lithuania

Nov. 26-29, 2009: Information & Communication Technology In Natural Science Education – 2009 (Lithuania) http://www.gutc.su.lt/ICT_conference_2009.htm

Lux

Mac/Maret 24-26, 2009: Workshop on CR and Sasakian geometry (Luxembourg) http://math.uni.lu/CRSasaki
Jun/Juni 17-20, 2009: Fourth statistical days at the University of Luxembourg (Luxembourg). http://sma.uni.lu/stat4/

Makedonia

Sep. 16-20, 2009: International Congress on Mathematics: MICOM 2009 (Macedonia) http://micom2009.smm.org.mk

Montenegro

Sep. 21-25, 2009: Optima 2009: International conference "Optimization and applications" (Montenegro) http://www.ccas.ru/optima2009

Perancis

Mei 11-15, 2009: A conference in Ergodic Theory: Dynamical systems and Randomness (France) . http://ergodic2009.math.cnrs.fr/

Jun/juni 8-11, 2009: 3rd International Conference on Approximation Methods and numerical Modeling in Environment and Natural Resources (France). http://lma.univ-pau.fr/meet/mamern09/

Jun/Juni 15-19, 2009 :Waves 09: The 9th International Conference on Mathematical and Numerical Aspects of Waves Propagation (France). https://waves-2009.bordeaux.inria.fr/

Julai/Juli 20-24, 2009: European Meeting of Statisticians: EMS 2009 (France) http://www.math.univ-toulouse.fr/EMS2009/

Sep. 10-12, 2009: Quantum topology and Chern-Simons theory: 84th encounter between mathematicians and theoretical physicists (France) http://www-irma.u-strasbg.fr/article744.html

Dis/Des 4, 2009: The Paris-London Analysis Seminar (France) **Error! Hyperlink reference not valid.**

Jun 13-18, 2010: 48th International Symposium on Functional Equations. Batz-sur-Mer, France. nicole.belluot@ec-nantes.fr

Kursus/Bengkel

Jan. 26-30, 2009: Winter School on Quantum Chaos (France) http://www.math.u-bordeaux1.fr/qchaos2009/

Mac/Maret 23 - April 3, 2009 :Algebraic and Combinatorial Structures in Quantum Field Theory (France) http://www-math.unice.fr/~patras/CargeseConference/index.html

Jun/Juni 2-5, 2009: Holomorphically symplectic varieties and moduli spaces (France). http://math.univ-lille1.fr/~markushe/MOD2009/

Jun/Juni 3-5, 2009 :Workshop: Lp-cohomology and affine actions on Lp-spaces (France) http://www.normalesup.org/~cornulier/confo.html

Jun/juni 11-13, 2009: Representation Theory in Mathematics and Physics (France). http://www-irma.u-strasbg.fr/article717.html

Nov. 4-6, 2009: Mathematical methods in general relativity and quantum field theories (France) http://philippelefloch.wordpress.com/2009/09/07/conference-mathematical-methods-in-general-relativity-and-quantum-field-theories

Pertugis/Feringgi (Portugis/Portugal)

Pertugis

Jan. 19-21, 2009: ICAART'09 - International Conference on Agents and Artificial Intelligence (Portugal) http://www.icaart.org

Mac/Maret 23-26, 2009 : 5th International Conference on Web Information Systems and Technologies (WEBIST) (Portugal) http://www.webist.org

Mac/Maret 23-26, 2009: CSEDU 2009- International Conference on Computer Supported Education (Portugal) http://www.csedu.org

April 22-24, 2009:mV International Conference on Multimedia and ICT in Education (m-ICTE2009) (Portugal) (Education) http://www.formatex.org/micte2009

Jun/Juni 17-19, 2009: IADIS International Conference Game and Entertainment Technologies 2009 (Portugal) http://www.gaming-conf.org/

Jun/Juni 19-21, 2009: IADIS International Conference e-Commerce 2009 (Portugal). http://www.ecommerce-conf.org/
Jun/Juni 19-21, 2009: IADIS International Conference Visual Communication 2009 (Portugal). http://www.vc-conf.org/
Jun/Juni 19-21, 2009: IADIS International Conference Web Virtual Reality and Three-Dimensional Worlds 2009 (Portugal). http://www.web3dw-conf.org/
Jun/juni 20-22, 2009:IADIS International Conference Computer Graphics, Visualization, Computer Vision and Image Processing 2009 (Portugal). http://www.cgv-conf.org/
Julai/Juli 9-12, 2009 : XVIIIth Oporto Meeting on Geometry, Topology and Physics: Poisson and symplectic geometry (Portugal) http://www.fc.up.pt/cmup/omgtp/2009/
Okto. 5-7, 2009: IJCCI-International Joint Conference on Computational Intelligence (Portugal) http://www.ijcci.org/
Okto. 5-7, 2009: ICFC- International Conference on Fuzzy Computation: ICFC (Portugal) http://www.icfc.ijcci.org
Okt. 5-7, 2009: ICEC-International Conference on Evolutionary Computation: ICEC (Portugal) http://www.icec.ijcci.org
Okto. 5-7, 2009: ICNC- International Conference on Neural Computation: ICNC (Portugal) http://www.icnc.ijcci.org
Okto. 5-8, 2009: ICKD-International Conference on Knowledge Discovery (Portugal) http://www.ickd.ic3k.org
Okto. 5-8, 2009: KEOD-International Conference on Knowledge Engineering and Ontology Development (Portugal) http://www.keod.ic3k.org
Okto. 6-8, 2009: IC3K-International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (Portugal) http://www.ic3k.org/

Julai/Juli 5-9, 2010:11th International Conference on p-adic Functional Analysis. Universite Blaise Pascal, Les Cezeaux, Aubiere, France. Mel-e: alain.escassut@math.univ-bpclermont.fr.
Julai/Juli 11-14, 2010: 24th European Conference on Operational Research (EURO XXIV). FCUL - University of Lisbon, Lisbon, Portugal. http://www.euro2010lisbon.org.
Julai/Juli 27-31, 2010: LinStat'2010 - International Conference on Trends and Perspectives in Linear Statistical Inference. Polytechnic Institute of Tomar, Portugal. http://www.linstat2010@ipt.pt.

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Jun/Juni 15-19, 2009 :International Summer School on Operator Algebras and Applications (Portugal) http://oaa.ist.utl.pt/

Jun 14-18, 2010: Vector Bundles on Algebraic Curves (VBAC 2010)-New Invariants and Stability Conditions. Mathematics Department, Inst. Superior Tecnico, Lisbon, Portugal. http://www.vbac2010.net/.

Polandia/Polska

Julai/Juli 5-10, 2009 : Second European Set Theory Meeting: In honor of Ronald Jensen (Poland) http://www.esf.org/conferences/09306
Julai/Juli 6-11, 2009 : Conference on Algebraic Topology CAT'09 (Poland) http://www.mimuw.edu.pl/~cat09/
Ogos/Augustus 9-14, 2009: Model Theory (Poland) http://www.esf.org/conferences/09305

April 9-11,2010: 4th Podlasie Conference on Mathematics. Bialystok University of Technology, Bialystok, Poland. http://katmat.pb.bialystok.pl/pcm10.
Jun 14-18, 2010: Group Actions in Topology and Geometric Group Theory, The Third Group Action Forum Conference. Adam Mickiewicz University, Poznan, Poland. http://gaf.astagor.net/events/poznan2010.
Julai/Juli 25-30, 2010: 25th Summer Conference on Topology and its Applications. Jan Kochanowski University in Kielce, Poland. http://www.ujk.edu.pl/~topoconf/.

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Jun/Juni 14-20, 2009:Geometric Group Theory (Poland). http://www.math.uni.wroc.pl/ggt/
Okto. 12-16, 2009: Algebra, Geometry, and Mathematical Physics: 5th Baltic-Nordic Workshop (Poland) http://www.agmf.astralgo.eu/bdl09/

Romania

Jun/Juni 15-18, 2009 :The 5th International Conference "Dynamical Systems and Applications" (Romania) http://www.univ-ovidius.ro/faculties/civil%5Feng/conferinta%20iunie%202009/Home.html

Sep. 17-20, 2009 :CAIM 2009: the conference of the Romanian Society of Applied and Industrial Mathematics ROMAI (Romania) http://www.anmb.ro/ro/conferinte/caim2009/eng/index.html

Okto. 22-23, 2009 : International Symposium on Understanding Intelligent and Complex Systems (Romania) http://uics.upm.ro/

Okto. 30 – Nov. 1, 2009: ICVL 2009 -The 4rd International Conference on Virtual Learning: New technologies in education and research (Romania) http://www.icvl.eu/2009

Nov. 5-7, 2009: The 12th Symposium of Mathematics and its Applications, 5-7th November 2009, Timisoara, Romania (Romania). http://www.mat.upt.ro/SimpozionMatematica/index.html

April 14-18, 2010: International Conference on Fundamental Structures of Algebra in honor of the 70th birthday of Professor Serban Basarab. Faculty of Mathematics and Computer Science, Ovidius University, Constanta , Romania.

Jun 29--Julai 4, 2010: 23nd International Conference on Operator Theory. West University of Timisoara, Timisoara, Romania. http://www.imar.ro/~ot/.

Sep. 23-26, 2010: Second International Conference on Numerical Analysis and Approximation Theory: NAAT 2010. Department of Applied Mathematics of the Faculty of Mathematics and Computer Science, Babes-Bolyai University, Cluj-Napoca, Romania. http://naat.math.ubbcluj.ro/.

Rusia

Julai/juli 3-7, 2009 : International Conference on Mathematical Control Theory and Mechanics (Russia) http://mctm2009.vlsu.ru

Ogos/Augustus 10-20, 2009: International Conference and Young Scientists School "Theory and Computational Methods for Inverse and Ill-posed Problems" (Russia) http://math.nsc.ru/conference/onz09/engl.html

Okto. 22-29, 2009: Complex Analysis and its applications: Joint Sino-Russia Symposium (Russia) http://www.mccme.ru/symposium/

Okto. 28-29, 2009: CEE Software Engineering Conference (Russia): CEE-SECR (Russia) http://cee-secr.org/

Jun/Juni 28-Julai/Juli 4, 2010: The Second International School-seminar "Nonlinear Analysis And Extremal Problems". Institute for System Dynamics and Control Theory SB RAS, Irkutsk, Russia. http://idstu.irk.ru/?q=node/461.

Kursus/Bengkel

Julai/Juli 24 – Ogos/Augustus 2, 2009:. THE METHODOLOGY OF TEACHING EXACT SCIENCES TO SCHOOL AGE CHILDREN. Moscow and St. Petersburg, Russia

Jun/Juni 28 - July 4, 2009: The Sixth St. Petersburg Workshop on Simulation (Russia) http://pws.math.spbu.ru

Schweizlandia/Switzlandia/Swis

Kursus/Bengkel

Jun/Juni 11-14, 2009: 78th Workshop on General Algebra: 78. Arbeitstagung Allgemeine Algebra (Switzerland). http://aaa78.algebraworkbench.net

Jun/Juni 28 – Julai/Juli 3, 2009: Affine Isometric Actions of Discrete Groups (Switzerland). http://www.unige.ch/math/folks/arjantse/ascona09/

Jun/Juni 22-25, 2010: Group Representation Theory and Related Topics. EPFL, Centre Interfacultaire Bernoulli, Lausanne, Switzerland. http://grt.epfl.ch.

Sepanyol

Okto. 23-24, 2009: XVI Spanish Topology Meeting: XVI Encuentro de Topología (Spain) http://www.ual.es/congresos/topologia

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April 14-18, 2009: Young Set Theory Workshop 2009 (Spain). http://www.math.uni-muenster.de/logik/YS09/
Jun/juni 14-19, 2009:Harmonic Analysis, Geometric Measure Theory and Quasiconformal Mappings (Spain) http://www.esf.org/conferences/09308
Jun/Juni 22-26, 2009: Topology of Algebraic Varieties (Spain). http://www.math.uic.edu/~jaca2009/
Feb. 25-27, 2009 : IADIS International Conference Information Systems 2009 (Spain) http://www.is-conf.org/
Feb. 25-28, 2009: IADIS International Conference E-society 2009 (Spain) http://www.esociety-conf.org/

April 5-9, 2010: PDEs, relativity and nonlinear waves; Granada, Spain. http://www.ugr.es/~kinetic/rel
Mei 31--Jun 4, 2010: Emerging Topics in Dynamical Systems and Partial Differential Equations. Barcelona, Spain. http://www.siam.org/meetings/dspdes/index.php
April 6—Jun/Juni 25, 2010: Trimester in Combinatorics and Control: Workshop, School, Advanced Course, Research in Teams, and International Conference. Madrid and Zaragoza, Spain. http://dftuz.unizar.es/coco2010.

Siprus

Sep. 14-16, 2009: 24th of the International Symposium on Computer and Information Sciences (Northern Cyprus) http://iscis.metu.edu.tr
Okto. 6-10, 2009: 2nd ACM International Conference on Security of Information and Networks (SIN 2009) (North Cyprus) http://www.sinconf.org

Slovakia

Mac 15-20, 2009: ALGORITMY 2009 Conference on Scientific Computing (Slovakia) http://www.math.sk/alg2009/

Slovenia

Okto. 12-16, 2009: 12th International Multiconference Information Society – IS 2009 (Slovenia) http://is.ijs.si/

Sweden

Mei 25—Jun/Juni 2, 2010: The 14th Conference on Modern Group Analysis. Storforsen Hotel, Vidsel (near Lulea, Sweden). http://www.sm.luth.se/~norbert/mogran-14.html/

UK

April 14-17, 2009 : 3rd International Workshop on Elementary Operators and their Applications (ElOp2009) (United Kingdom) http://elop2009.awardspace.co.uk/index.htm
Jun/Jini 16-25, 2009: International Workshop on Resonance Oscillations and Stability of Nonsmooth Systems (United Kingdom) . http://www.ma.ic.ac.uk/~omakaren/rosns2009/index.html
Julai/Juli 5-8, 2009: Algebra and Analysis around the Stone-Cech Compactification: A meeting in Honour of the 75th Birthday of Dona Strauss (United Kingdom) http://matematicas.uniandes.edu.co/~stferri/donaconference.html
Ogos/Augustus 4 - April 6, 2009: The Second International Conference on the Applications of Digital Information (United Kingdom) http://www.dirf.org/diwt2009

Sep. 28-30, 2009: Business Analysis Conference Europe 2009 (UK) http://www.thisconference.com/information-technology-it/business-analysis-conference-europe-2009.html
Nov. 6, 2009: History of Mathematics (UK). http://www.ima.org.uk/Conferences/history_of_mathematics.html
Nov. 9-12, 2009: ICITST-2009: Call for Special Tracks: The 4th International Conference for Internet Technology and Secured Transactions, Technical Co-Sponsored by IEEE UK/RI Section (UK) http://www.icitst.org
Jun 30--Julai 2, 2010: The 2010 International Conference of Applied and Engineering Mathematics. Imperial College, London, U.K. http://www.iaeng.org/WCE2010/ICAEM2010.html.

Kursus/Bengkel

Mac 15-16, 2010: Recent Developments in the Analysis and Modelling of Liquid Crystals; University of Oxford, Oxford, England. http://www.maths.ox.ac.uk/node/11635

Timur Tengah 2009 & 2010

Amiriyah Arab Bersatu

Mac 18-21, 2010: First International Conference on Mathematics and Statistics, AUS-ICMS '10; American University of Sharjah (AUS), Sharjah, United Arab Emirates. http://www.aus.edu/conferences/icms10/.

Mac 30-April 1, 2010: Second International Conference on Engineering Systems Management and Its Applications ICESMA2010; American University of Sharjah, Sharjah, United Arab Emirates. http://www.aus.edu/conferences/icesma2010.

Iran

Mac 12-13, 2009: Two Days Group Theory Seminar (Iran).

Turki

Mei 25-30, 2009 :Gökova Geometry/Topology Conference (Turkey) . http://gokovagt.org/

Julai/Juli 6-11, 2009: International Conference on Topology and its Applications (Turkey) http://www.icta.hacettepe.edu.tr

Julai/Juli 7-10, 2009: VII. Geometry Symposium: In Honour of Prof. Dr. H. Hilmi Hacisalihoglu (Turkey) http://fef.ahievran.edu.tr/sempozyum/AnaSayfa.htm

Ogos/Augustus 4-10, 2009: International Conference of Mathematical Sciences (Turkey) **Error! Hyperlink reference not valid.**

Ogos/Augustus 24-26, 2009 : International Symposium on Analysis and Theory of Functions (Turkey) http://fen-edebiyat.iku.edu.tr/atf/

Mei 6-7, 2010: 4th International Conference on Information Security and Cryptology. Middle East Technical University, Ankara, Turkey. http://www.iscturkey.org/indexen.php.

Julai/Juli 10-14, 2010: International Conference: The Sixth Dynamical Systems and Applications-2010. Sea Life Hotel, Antalya, Turkey. http://faculty.uaeu.ac.ae/hakca/Antalya-Dynamic-Systems-2010/Antalya.htm

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ANUGERAH/PINGAT KESARJANAAN DAN SEBAGAINYA

SARJANA TEMPATAN

Anugerah Felo PERSAMA

Anugerah Felo PERSAMA (FPSMM) dinobatkan kepada seorang sarjana sains matematik besar tempatan (jika ada) di Majlis Anugerah Tahunan PERSAMA setiap tahun sejak tahun 1998 dahulu. Sejak Anugerah Tahunan PERSAMA tidak dapat diadakan mulai 2003/04, maka anugerah ini (jika ada calonnya) dilakukan sempena

Simposium Kebangsaan Sains Matematik (SKSM) yang dibuat secara tahunan itu. Dalam SKSM ke-15 , 5 Jun 2007, di Hotel Concord Shah Alam (anjuran bersama UiTM), Felo PERSAMA dianugerahi kepada Prof Dato' Dr Kamel Ariffin Mohd. Atan (Felo ke-6), manakala Prof. Dato' Rosihan Md. Ali (Felo ke-7) pula dianurahi Felo tersebut pada SKSM ke-16 di Hotel Rennaisance, Kota Bharu pada anjuran bersama UMT pada 3 Jun 2008

Prof Kamel, Felo PERSAMA 2007

Prof. Rosihan , Felo PERSAMA 2008

Felo PERSAMA yang lepas:
Prof. Dr. Lim Chong Kiang 1998 (UM, Presiden PERSAMA terlama, Vice-President Inti Univ. College)
FPSMM 1999: Prof. Dato' Dr. Hassan Said (USM, mantan TNC, Ketua Pengarah Pengaj Tinggi pertama, President Stamford Univ College)
FPSMM 2000: Allahyarham Prof. Dr Hj. Mohd Rashidi Md Razali (UTM; dianugerah secara pasca-meninggal pada 23 Disember 2002),
FPSMM 2001: Prof . Dr. Dato' Mohamed Suleiman (UPM, mantan TNC, PKE LAN pertama; dianugerah 11 hb Disember 2003).
FPSMM 2004: (di tawarkan pada 2006) penerimanya menolak*
FPSMM 2007: Prof. Dr. Dato' Mohd Kamel Ariffin, SKSM ke-15, 2007
FPSMM 2008: Prof. Dr. Dato' Rosihan Md. Ali, SKSM ke-16, 6 Jun 2008
FPSMM 2009: Prof. Dr. Dato' Abdul Razak Salleh, SKSM ke-17, 2009

*Pada tahun 2006, anugerah Felo PERSAMA ini juga ditawarkan kepada seorang mantan Presiden PERSAMA (dan penguatkuasaannya dikebelakangkan kpd 2004), tetapi beliau menolak tawaran itu atas prinsip "tidak sesuai menerima anugerah yang diwujudkannya sendiri".

Sarjana UKM

Anugerah Ilmuwan MABBIM: Prof. Dato' Dr. Abdul Razak Salleh dianugerahi Anugerah Ilmuwan MABBIM pada 7 April 2008 sempena Sambutan Ulang Tahun ke-35 MABBIM (di Jakarta). Anugerah yang sama turut diterima oleh Dr. Shaharir bin Mohamad Zain.

Sarjana UM

International Exhibition Inventions, Innovation, Industrial Design & Technology Exhibition (I-Tex)

2008: En. Por Lip Yee (Pensyarah di Jab. Sistem Komputer dan Teknologi), Lai Wai Kit, Cheah Xiang Xing & Delina Beh Mei Yin beroleh Pingat Emas kerana ciptaan mereka **StegCure**

En. Nor Badrul Anuar Jumaat (PK), Ainuddin Wahid Abdul Wahab, Dr. Omar Zakaria (PK), Aliff Syazwan Othman, Lai Ngan Kuen beroleh Pingat Emas kerana ciptaan mereka S2MS: Secure Short Messaging System


En Por


En. Badrul


Dr. Omar


En. Ang

2008: Por Lip Yee, Boey Rui Fang, Ang Tan Fong, Amirrudin Hj Kamsin,Liew Chee Sun (semuanya dari Jab. Sis, Komp. dan Teknol.) beroleh Pingat Emas kerana ciptaan mereka **WA3: A Mobile Compliant Web- Based Comparative Analysis Decision Support System**

MSC MALAYSIA ASIA PACIFIC ICT AWARDS 2008 : Por Lip Yee beroleh “Best Of Tertiary Student Project- Software/Hardware” dengan ciptaannya “**StegoBeta**”

Sarjana USM

Malaysian Technology Expo 2008

En. Azlan Osman (seorang Pensyarah Kanan dari Pusat Pengajian Sn. Komp) dan pasukannya berjaya beroleh Pingat Emas dan Award Terbaik (Award Khas) kerana ciptaan mereka **iNet Portable - An Intelligent Realtime Network Monitoring and Surveillance Tool**


En Azlan sedang menjelaskan reka ciptanya


Dr. Bahari dng anaknya?

Dr. Bahari Belaton (seorang PM dari Pusat Pengajian Sn. Komp) juga beroleh Pingat Emas kerana ciptaannya **Quality Alerter - A Security Appliance for Reducing False. Alerts in Intrusion Detection System**.

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LUAR NEGARA

HADIAH NOBEL 2006-2008

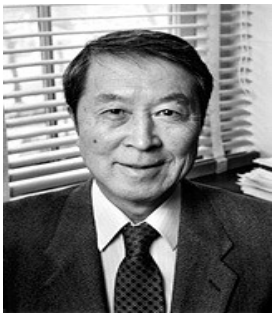
Walaupun tiada Hadiah Nobel atas nama matematik atau sains matematik tetapi ramai juga ahli sains matematik yang beroleh Hadiah Nobel biasanya atas nama Sains Ekonomi atau Sains Fizik. Hadiah Nobel 2005 mencatatkan seorang ahli matematik beroleh Hadiah yang paling prestij ini. Beliau ialah Prof. Auman, seorang Prof. Matematik di Universiti Hebrew, Israel yang berkongsi Hadiah Nobel dalam Sains Ekonomi bersama dengan seorang ahli ekonomi, Schelling.Berikut ialah pengena

Hadiah Nobel fizik 2006-2008

2006, 2007 dan 2009: ahli fizik ujikaji
2008: 3 orang ahli fizik teori dan segi matematik mereka ialah pakar bidang bidang teori kumpulan. Mereka ialah

Yoichiro Nambu, Makoto Kobayashi dan Toshihide Maskawa. Mengikut pihak penganugerah Hadiah Nobel, mereka ini dianugerahi Hadiah ini

"for the discovery of the mechanism of spontaneous broken symmetry in subatomic physics" dan
"for the discovery of the origin of the broken symmetry which predicts the existence of at least three families of quarks in nature"



Yoichiro Nambu (AS)	Makoto Kobayashi (Jepun)	Toshihide Maskawa (Jepun)
1/2 drp hadiah	1/4 drp hadiah	1/4 drp hadiah

Masing-masing drp University of Chicago, Organisasi Penyelidikan Pemecut Tenaga Tinggi, Tsukuba, dan Univ Kyoto.

Unravelling the hidden symmetries of nature

Nature's laws of symmetry are at the heart of this subject: or rather, broken symmetries, both those that seem to have existed in our universe from the very beginning and those that have spontaneously lost their original symmetry somewhere along the road.
In fact, we are all the children of broken symmetry. It must have occurred immediately after the Big Bang some 14 billion years ago when as much antimatter as matter was created. The meeting between the two is fatal for both; they annihilate each other and all that is left is radiation.
Evidently, however, matter won against antimatter, otherwise we would not be here. But we are here, and just a tiny deviation from perfect symmetry seems to have been enough – one extra particle of matter for every ten billion particles of antimatter was enough to make our world survive.
This excess of matter was the seed of our whole universe, which fi lled with galaxies, stars and planets – and eventually life. But what lies behind this symmetry violation in the cosmos is still a major mystery and an active fi eld of research.

Through the looking glass

For many years physics has focused on fi nding the natural laws that are hidden deep within the wide range of phenomena we see around us. Natural laws should be perfectly symmetrical and absolute; they should be valid throughout the whole of the universe. This approach seems true for most situations, but not always. That is why broken symmetries became the subject of physics research as much as symmetries themselves, which is not so remarkable considering our lopsided world where perfect symmetry is a rare ideal.

Various types of symmetries and broken symmetries are part of our everyday life; the letter A does not change when we look at it in a mirror, while the letter Z breaks this symmetry. On the other hand, Z looks the same when you turn it upside down, but if you do the same with the letter A, the symmetry will be broken.
The basic theory for elementary particles describes three different principles of symmetry:
mirror symmetry, charge symmetry and time symmetry (in the language of physics, mirror symmetry is called P, from parity, C stands for charge symmetry and T for time symmetry).
In mirror symmetry, all events should occur in exactly the same way whether they are seen directly or in a mirror. There should not be any difference between left and right and nobody should be able to decide whether they are in their own world or in a looking glass world. Charge symmetry states that particles should behave exactly like their alter egos, antiparticles, which have exactly the same properties but the opposite charge. And according to time symmetry, physical events at the micro level should be equally independent whether they occur forwards or backwards in time.
Symmetries do not just have an aesthetic value in physics. They simplify many awkward calculations and therefore play a decisive role for the mathematical description of the microworld. An even more important fact is that these symmetries implicate a large number of conservation laws at the particle level. For example, there is a law that energy cannot be lost in collisions between elementary particles, it must remain the same before and after the collision, which is evident in the symmetry of equations that describe particle collisions. Or there is the law of the conservation of electrical charges that is related to symmetry in electromagnetic theory.

The pattern emerges more clearly

It was around the middle of the 20th century that broken symmetry fi rst appeared in studies of the basic principles of matter. At this time physics was thoroughly involved in achieving its greatest dream – to unite all nature's smallest building blocks and all forces in one unifi ed theory.

Mirror symmetry. *It is broken in the picture on the left and retained in the picture on the right, where it's impossible to decide if your are in your own world or in the mirror-world.*

But to begin with, particle physics only became more and more complicated. New accelerators built after the Second World War produced a constant stream of particles that had never been seen before. Most of them did not fi t into the models physicists had at that time, that matter consisted of atoms with neutrons and protons in the nucleus and electrons round it. Deeper investigations into the innermost regions of matter revealed that protons and neutrons each concealed a trio of quarks. The particles that had already been discovered also were shown to consist of quarks. Now, almost all the pieces of the puzzle have fallen into place; a Standard Model for the indivisible parts of matter comprises three families of particles (see diagram). These families resemble each other, but only the particles in the fi rst and lightest family are suffi ciently stable to build up the cosmos. The particles in the two heavier families live under very unstable conditions and disintegrate immediately into lighter kinds of particles.
Everything is controlled by forces. The Standard Model, at least for the time being, includes three of nature's four fundamental forces along with their messengers, particles that convey the interaction between the elementary particles (see diagram). The messenger of the *electromagnetic force* is the *photon* with zero mass; the *weak force* that accounts for radioactive disintegration and causes the sun and the stars to shine is carried by the heavy *W* and *Z* boson particles; while the *strong force* is carried by *gluon* particles, which see to it that the atom nuclei hold together. Gravity, the fourth force, which makes sure we keep our feet on the ground, has not yet been incorporated into the model and poses a colossal challenge for physicists today.

%%%%%%%%
Into the matter. *Electrons and quarks are the smallest building blocks of all matter.*
The Standard Model today. *It unifi es all the fundamental building blocks of matter and three of the four fundamental forces.*
While all known matter is built with particles from the fi rst family, the other particles exists but only for extremely short time
periods. To complete the Model a new particle is needed – the Higgs particle – that the physics community hopes to fi nd in the
new built accelerator LHC at CERN in Geneva.
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The mirror is shattered

The Standard Model is a synthesis of all the insights into the innermost parts of matter that physics has gathered during the last century. It stands fi rmly on a theoretical base consisting of the symmetry principles of quantum physics and the theory of relativity and has stood up to countless tests. But before the pattern was quite clear, a number of crises occurred that threatened this well-balanced construction. These crises related to the fact that physicists had assumed that the laws of symmetry applied to the Lilliputian world of elementary particles.
But this, it turned out, was not entirely the case. The fi rst surprise came in 1956 when two Chinese-American theoreticians, Tsung Dao Lee and Chen Ning Yang (awarded the Nobel Prize the following year in 1957) challenged mirror symmetry (P symmetry) in the weak force. That nature respected mirror symmetry, the symmetry concerning left and right, was considered, like other symmetry principles, to be a wellestablished fact.
We need to re-evaluate old principles in the quantum world, where the elementary particles exist, claimed Lee and Yang. They proposed a series of experiments to test this mirror symmetry. And sure enough, only a few months later the decay of the atom nucleus in the radioactive element cobalt 60 revealed that it did not follow the principles of mirror symmetry. The symmetry was broken when the electrons that left the cobalt nucleus preferred one direction to another. It was as if you were standing in front of the Stockholm Central station and saw most of the people turning left out from the station.

Inherent asymmetry determines our fate

It may well be that charge and mirror symmetries are broken separately, but both of them, the so called CP-symmetry, are certainly not broken at the same time. The physicist community consoled itself with the idea that this symmetry remains unbroken. The laws of nature, they believed, would not change if you stepped into a mirror world where all matter was replaced with antimatter. This also means that if you met an extraterrestrial being, there should not be any way of deciding whether the alien came from our world or from the antiworld. A welcoming hug could then have disastrous consequences. Only a puff of energy would be left when matter and antimatter annihilated each other on fi rst contact. So it was perhaps just as well that the weak force came back into the limelight in 1964. A new violation of the symmetry laws emerged in the radioactive decay of a strange particle, called a kaon (Nobel Prize awarded to James Cronin and Val Fitch in 1980). A small fraction of the kaons did not follow the current mirror and charge symmetries; they broke the double CP-symmetry and challenged the whole structure of the theory. Thinking about meeting extraterrestrial beings, this discovery offers a salvation. It might be enough to ask an extraterrestrial before it hugs you to fi rst look carefully at the kaon decay at home and check whether it is made of the same matter as us or antimatter.

The fi rst person to point out the decisive importance of broken symmetry for the genesis of the cosmos was the Russian physicist and Nobel Peace Prize Laureate Andrei Sakharov. In 1967, he set up three conditions for creating a world like ours, empty of antimatter. Firstly, that the laws of physics distinguish between matter and antimatter, which in fact was discovered with the broken CP-symmetry ; secondly, that the cosmos originated in the heat of the Big Bang; and thirdly, that the protons in every atom nucleus disintegrate. The last condition might lead to the end of the world, since it implies that all matter can eventually disappear. But so far that has not happened; and experiments have shown that protons remain stable for 1033 years, a comfortable 10 trillion times longer than the age of the universe, which is slightly more than 1010 years. And still there is no one who knows how Sakharov's chain of events took place in the early universe.

Solving the mystery of the broken symmetry

It may well be that Sakharov's conditions will eventually be incorporated into the Standard Model of physics. Then the surplus of matter created at the birth of the universe will be explained. That, however, requires a much greater symmetry violation than the doubly broken symmetry, that Fitch and Cronin found in their experiment. However, even a considerably smaller broken symmetry that the kaons were guilty of, needed an interpretation; otherwise the whole Standard Model would be threatened. The question of why the symmetries were broken remained a mystery until 1972, when two young researchers from the University of Kyoto, **Makoto Kobayashi** and **Toshihide Maskawa**, who were well acquainted with quantum physics calculations, found the solution in a 3 x 3 matrix.
How does this double broken symmetry take place? Each kaon particle consists of a combination of a quark and an antiquark. The weak force makes them switch identities time and time again: the quark becomes an antiquark while the antiquark becomes a quark, thus transforming the kaon into its antikaon. In this way the kaon particle fl ips

between itself and its antiself. But if the right conditions are met, the symmetry between matter and antimatter will be broken. Kobayashi and Maskawa's calculation matrix contains probabilities for describing how the transformation of the quarks will take place.

It turned out that the quarks and antiquarks swapped identity with each other within their own family. If this exchange of identity with double broken symmetry was to take place between matter and antimatter, a further quark family was needed in addition to the other two (see p. 3). This was a bold concept, and the Standard Model received these speculative new quarks, which appeared as predicted in later experiments. The charm quark was discovered as early as 1974, the bottom quark in 1977 and the last one, the top quark, as late as 1994.

Meson factories provide the answer

It may well be that the explanation of broken CP-symmetry also provides a raison d'être for the second and third particle families. These resemble the fi rst family in many respects, but are so short-lived that they cannot form anything lasting in our world. One possibility is that these capricious particles fulfi lled their most important function at the beginning of time when their presence guaranteed the broken symmetry that made matter win against antimatter.
How nature solved this problem is, as mentioned before, something we do not yet know in detail. The broken symmetry needs to be reproduced many, many times to create all the matter that gives us our star-scattered sky.
Kobayashi and Maskawa's theory also indicated that it should be possible to study a major violation of symmetry in B-meson particles, which are ten times heavier than their cousins, the kaons. However, broken symmetry occurs extremely rarely in B-mesons, so immense quantities of these particles are needed to fi nd just a few that break the symmetry. Two gigantic constructions housing the BaBar particle detectors at the SLAC accelerator at Stanford, California and Belle at the KEK accelerator at Tsukuba in Japan produced more than one million B-mesons a day in order to follow their decay in detail. As early as 2001, both independent experiments confi rmed the symmetry violation of the B-mesons, exactly as Kobayashi and Maskawa's model had predicted almost 30 years earlier. This meant the completion of the Standard Model, which has worked well for many years. Almost all the missing pieces of the puzzle have fallen into place in accordance with the boldest of predictions. All the same, the physicists are still not content.

Symmetry lies hidden under spontaneous violations

As already explained, the Standard Model comprises all of the known elementary particles and three of the four fundamental forces. But why are these forces so different? And why do the particles have such different masses? The heaviest one, the top quark, is more than three hundred thousand times heavier than the electron. Why do they have any mass at all? The weak force stands out in this respect again: its messenger particles, W and Z, are much heavier, while its ally, the photon, which conveys the electromagnetic force, lacks mass at all. Most physicists believe that another spontaneous broken symmetry, called the Higgs mechanism, destroyed the original symmetry between forces and gave the particles their masses in the very earliest stages of the universe.
The road to this discovery was mapped out by **Yoichiro Nambu** when, in 1960, he was the fi rst to introduce spontaneous symmetry violation into elementary particle physics. It is for this The Nobel Prize in Physics 2008 □ The Royal Swedish Academy of Sciences □ www.kva.se 7(8) discovery that he is now awarded the Nobel Prize in Physics. To begin with, Nambu worked on theoretical calculations of another remarkable phenomenon in physics, superconductivity, when electric currents suddenly fl ow without any resistance. Spontaneous symmetry violation that described superconductivity was later translated by Nambu into the world of elementary particles, and his mathematical tools now permeate all theories concerning the Standard Model. We can witness more banal spontaneous symmetry violations in everyday life. A pencil standing on its point leads a completely symmetrical existence in which all directions are equal. But this symmetry is lost when it falls over – now only one direction counts. On the other hand, its condition has become more stable, the pencil cannot fall any further, it has reached its lowest level of energy. A vacuum has the lowest possible energy level in the cosmos. In fact, a vacuum in physics is precisely a state with the lowest possible energy. But it is not empty by any means. Since the arrival of quantum physics, a vacuum is defi ned as full of a bubbling soup of particles that pop up, only to immediately disappear again in ubiquitously present but invisible quantum fi elds. We are surrounded by many different quantum fi elds across space; the four fundamental forces of nature are also described as fi elds. One of them, the gravitational fi eld, is known to us all. It is the one that keeps us down on earth and determines what is up and what is down.

Nambu realised at an early date that the properties of a vacuum are of interest for studies of spontaneous broken symmetry. A vacuum, that is, the lowest state of energy, does not correspond to the most symmetrical state. As with the fallen pencil, the symmetry of the quantum fi eld has been broken and only one of many possible fi eld directions has been chosen. In recent decades, Nambu's methods of treating spontaneous symmetry violation in the Standard Model have been refi ned; they are frequently used today to calculate the effects of the strong force.

Higgs provides mass

The question of the mass of elementary particles has also been answered by spontaneous broken symmetry of the hypothetical Higgs fi eld. It is thought that at the Big Bang the fi eld was perfectly symmetrical and all the particles had zero mass. But the Higgs fi eld, like the pencil standing on its point, was not stable, so when the universe cooled down, the fi eld dropped to its lowest energy level, its own vacuum according to the quantum defi nition. Its symmetry disappeared and the Higgs fi eld became a sort of syrup for elementary particles; they absorbed different amounts of the fi eld and got different masses. Some, like the photons, were not attracted and remained without mass; but why the electrons acquired mass at all is quite a different question that no one has answered yet.
Like other quantum fi elds, the Higgs fi eld has its own representative, the Higgs particle. Physicists are eager to fi nd this particle soon in the world's most powerful particle accelerator, the brand new LHC at Cern in Geneva. It is possible that several different Higgs particles will be detected – or none at all. Physicists are prepared, a so-called supersymmetric theory is the favourite among many to extend the Standard Model. Other theories exist, some more exotic, some less so. In any case, they are likely to be symmetrical, even though the symmetry may not be evident at fi rst. But it is there, keeping itself hidden in the seemingly messy appearance.

LINKS AND FURTHER READING
More information about this year's prizes, including a scientifi c background article in English, is to be found at the Royal Swedish Academy of Sciences' website, *www.kva.se*, and at *http://nobelprize.org*. You can also see the press conference there as web-TV. Further information about exhibitions and activities concerning the Nobel Prizes is available at *www.nobelmuseum.se*.

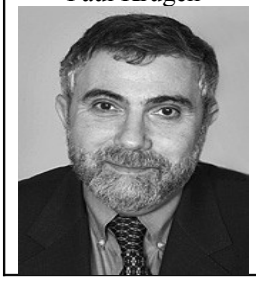
Popular scientifi c articles

Sarah Graham: "In Search of Antimatter", *Scientifi c American*, August 2001.
Helen Quinn, Michael Witherell: "The Asymmetry between Matter and Antimatter", *Scientific American*, October 1998.
Madhusree Mukerjee: "Profi le: Yoichiro Nambu", *Scientifi c American*, February 1995.

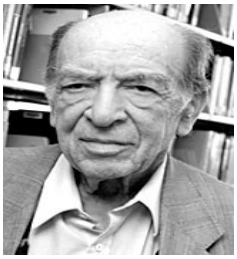
Original scientifi c articles

M. Kobayashi, T. Maskawa: "CP Violation in the Renormalizable Theory of Weak Interaction". *Progress of Theoretical Physics* 49 (1973) p. 652-657.
Y. Nambu, G. Jona-Lasinio**:** "A Dynamical Model of Elementary Particles based on an Analogy with Superconductivity II", *Physics Review* 124 (1961) p. 246.
Y. Nambu, G. Jona-Lasinio: "A Dynamical Model of Elementary Particles based on an Analogy with Superconductivity I", *Physics Review* 122 (1961) p. 345.

Hadiah Nobel Ekonomi 2006-2008

Paul Krugen 	2008: Hadiah Nobel 2008 dalam bidang sains ekonomi dimenangi oleh Krugman seorang ahli ekonomi bermatematik drp Princeton Univ., AS. Pihak penganugeraj Hadiah Nobel menyatakan beliau diberi penghormatan ini kerana "for his analysis of trade patterns and location of economic activity"

2007: Hadiah Nobel 2007 dalam bidang sains ekonomi dianugerahi kepada 3 orang ahli ekonomi bermatematik: Leonid Hurwicz, Eric S. Maskin dan Roger B. Myerson kerana, kata pihak penganugerah Hadiah Nobel, "for having laid the foundations of mechanism design theory"



Leonid Hurwicz AS **Eric S. Maskin AS** **Roger B. Myerson AS**

Ketiga-tiga penerima itu dari AS, masingnya dari Univ. of Minnesota, Princeton Univ. dan Univ. of Chicago. Hadiah dikongsi sama rata.

The design of economic institutions

Adam Smith's classical metaphor of the invisible hand refers to how the market, under ideal conditions, ensures an efficient allocation of scarce resources. But in practice conditions are usually not ideal; for example, competition is not completely free, consumers are not perfectly informed and privately desirable production and consumption may generate social costs and benefits. Furthermore, many transactions do not take place in open markets but within firms, in bargaining between individuals or interest groups and under a host of other institutional arrangements. How well do different such institutions, or allocation mechanisms, perform? What is the optimal mechanism to reach a certain goal, such as social welfare or private profit? Is government regulation called for, and if so, how is it best designed?

These questions are difficult, particularly since information about individual preferences and available production technologies is usually dispersed among many actors who may use their private information to further their own interests. Mechanism design theory, initiated by **Leonid Hurwicz** and further developed by **Eric Maskin** and **Roger Myerson**, has greatly enhanced our understanding of the properties of optimal allocation mechanisms in such situations, accounting for individuals' incentives and private information. The theory allows us to distinguish situations in which markets work well from those in which they do not. It has helped economists identify efficient trading mechanisms, regulation schemes and voting procedures. Today, mechanism design theory plays a central role in many areas of economics and parts of political science

SIAPA LAGI AHLI MATEMATIK YANG MEMENANGI HADIAH NOBEL SEBELUM INI?

Jawaban soalan ini bergantung pada takrif ahli matematik. Jika maksud ahli matematik itu ialah seseorang yang menggunakan matematik atau statistik sains computer dan sebagainya bagi menyelesaikan sesuatu masalah, maka bilangan ahli matematik yang memenangi Hadiah Nobel cukup ramai, tetapi jika ahli matematik itu bermaksud ahli matmatik tulen bilangannya kosong kerana pengasas Hadiah Nobel sendiri, Alfred Nobel, telah menyatakan Hadiah ini tidak ditujukan kepada matematik itu dan komuniti ahli matematik tulen telah pun mencipta Pingat Field bagi tujuan penganugerahan yang dianggap setara dengan Hadiah Nobel itu. Mengikut kajian penyunting Warkah Berita ini pemenang Hadiah Nobel di bidang yang berhubung dengan pengoptimuman (yang dianggap oleh komuniti ahli ahli ekonomi sebagai bidang sains ekonomi) sahaja pun sudah berjumlah 28 orang (sehingga 2006) dan hampir setiap tahun Hadiah Nobel Fizik dimenangi oleh ahli fizik teori/ahli matematik fizik/fizik matematik/fizikomatematik yang dianggap (dalam pengelasaan AMS dan PERSAMA) sebagai ahli matematik/matematik gunaan/matematik terapan atau ahli sains matematik. Malah setiap pemenang Hadiah Nobel dalam bidang teori apapun besar kemungkinan boleh dianggap seorang ahli sains matematik. Sementara itu ada pula ahli matematik tulen yang masyhur dengan sumbangan matematiknya (bidang mantik) tetapi beroleh Hadiah Nobel bidang lain sama sekali seperti Bertrand Russell yang beroleh Hadiah Nobel Kesusateraan. Makalah di bawah ini memberi sebilangan “ahli matematik” yang menerima Hadiah Nobel itu mengikut penilaian penulisnya Donald Saari dari *University of California, Irvine (NOTICES of the AMS January 2006*) yang menanggap ahli Kimia teori, John Pople pemenang Hadiah Nobel Kimia 1998 sebagai ahli matematik. Begitu juga dengan Herbert Hauptman pemenang Hadiah Nobel Kimia 1985,.Kenneth Arrow pemenang Hadiah Nobel Ekonomi 1972, Gerard Debreu peenang Hadiah Nobel Ekonomi 1983, Leonid Kantorovich pemenang Hadiah Nobel Ekonomi 1975, John Bardeen

pemenang Hadiah Nobel Fizik. Saari juga menyebut nama Einstein sebagai pemenang Hadiah Nobel Fizik yang dianggapnya seorang ahli matematik. Benar Einstein seorang ahli Matematik Fizik (kerana Teori Kenisbian beliau yang amat canggih matematiknya itu) tetapi Hadiah Nobelnya bukan kerana Teori Kenisbiannya tetapi kerana "teori kesan elektrofoton" yang hamper tiads matematiknya! Jadi kedudukannya sama dengan Betrand Russell yang disebut di atas. Mungin ramai lagi pemenang Hadiah Nobel yang seperti ini!

Ini makalah Donald Saari itu.

There are several other examples of mathematicians receiving the Nobel Prize. John Pople of Northwestern University (my former academic home), who was honored with the **Chemistry Nobel** in 1998, received his mathematics Ph.D. from Cambridge in partial differential equations. All of his research involved finding different approximations for the Navier-Stokes equation and relating it to chemistry. Until his recent death, John always was very positive in his comments about the power and value of mathematics. Another example is Herbert Hauptman, who received the 1985 Nobel in Chemistry. Hauptman earned his mathematics Ph.D. from Maryland with a dissertation "An *N*-dimensional Euclidean algorithm". Kenneth Arrow received the 1972 **Nobel in Economics**. He earned his M.A. in mathematics from Columbia, and much of his Ph.D. training was in statistics and economics. Read his work; Arrow was strongly influenced by mathematics and he uses it skillfully! Another name is Gerard Debreu, who received the 1983 award in Economics. Debreu, who died in December 2004 and whose memory and research were recently recognized at a conference in Berkeley, received his doctorate in mathematics in France. Debreu always kept strong ties to mathematics. For instance, I was told that in the late 1970s, Debreu and Steve Smale played central roles in pulling mathematics and economics into the same building at Berkeley. During Debreu's Ph.D. training, he was strongly influenced by the Bourbaki school in France. It is easy to believe this: not only did this school fashion Debreu's mathematical tastes, but Debreu's adoption of the Bourbaki formal writing style made many of his books and papers very difficult to read. Earlier, Leonid Kantorovich received the 1975 award in Economics. He always was a mathematician; indeed, he was chair of the mathematics group in Novosibirsk in Siberia and later a mathematics group in Moscow. His name is familiar from conformal mappings, variational methods, functional analysis, etc. While John Bardeen (the only double **Nobel winner in Physics**) did not earn his Ph.D. in mathematics, he did his graduate work at Princeton in mathematical physics. Much of his work involved mathematics. Moreover, John kept close ties to the mathematics department at Urbana; e.g., he was chair of the 1979 committee to find a new chair for that department. If one wanted to count Nobel winners who used a significant amount of fairly sophisticated mathematics in their research, one probably would have close to half of all Economics winners and several more from Chemistry and Physics (including Einstein). There is a persistent rumor that the reason there is no Nobel in mathematics or astronomy is that, had there been one, Mittag-Leffler would have won. But, the story goes, the political problem in awarding such a prize to him was that Mittag-Leffler was having an affair with Nobel's wife. When I was at Northwestern, one of my colleagues, Alexandra Bellow (the well known ergodic theorist), was in Sweden with her husband at the time, Saul Bellow, when he received his Nobel Prize in literature. So she checked out the story about Mittag-Leffler. When she returned she told me that there was a minor flaw in this story—Nobel never was married! *—Donald Saari, University of California,Irvine (Notices AMS January 2006)*

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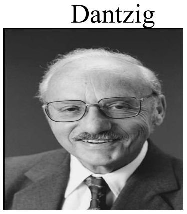
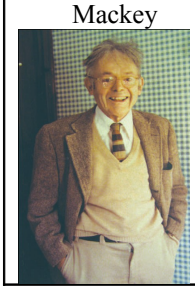
KEMBALINYA KE ALAM BAQA

Dantzig 	George Dantzig (1914-2005) lacked interest in schoolwork until grade seven. He then became keen about science and mathematics although in ninth grade hemade a "poor start" in his first algebra course. "To be precise," he said, "I was flunking." Dantzig's 57-page Ph.D. thesis [12] was composed of his solutions to these two problems (two open questions in the theory of mathematical statistics). In his *Linear Programming and Extensions*. Princeton Univ. Press, Princeton, N.J., 1963. George Dantzig gives a detached, historical account of the origins of—and influences on— linear programming and the simplex method. (perinciannya didalam *Notices of AMS* Mac 2007)

Mackey 	George Mackey (1916-2006) terkenal dengan sumbangannya di dalam fizik matematik (aksiom mekanik quantum) . (Perinciannya di dalam *Notices of AMS* Mac 2007)

BUKU-BUKU PILIHAN

Buku-buku Sains Matematik Melayu 2008

Amatlah menyedihkan! Daripada ribuan ahli sains matematik Malaysia tidaklah sampai 20 buah buku sains matematik yang terhasil setiap tahun berlalu, sejak beberapa tahun kebelakangan ini. Semuanya sudah tahu sebabnya berlakunya keadaan ini; dan hanya kesedaran dan keinsafan diri terhadap keperluan membina tamadun bangsa sendiri sahaja yang akan mengubah keadaan ini. Ini tentunya sukar berlaku, tetapi perlulah diharungi bersama, kerana arus keinsafan itu memerlukan pengorbanan *nafs amarah* akibat penentangan arus perdana!

Berikut ialah buku-buku yang dapat kami jumpai penerbitannya di sepanjang tahun 2008.

UKM
Mansor Jusoh. 2008. *Matematik Untuk Ekonomi*. Penerbit UKM: Bangi.

UM
Nik Azis Nik Pa. 2008. *Isu-isu dalam Pendidikan Matematik*. Penerbit UM

USM: Tiada

UPM: tiada

UTM
Juhana Salim, Mohd Shahizan Othman, Len Ten Moi. 2008. *Organisasi Maklumat.* Penerbit UTM
Syed Abdul Rahman Al–Attas. 2008, *Pemprosesan Isyarat Digit.* Penerbit UTM

UiTM
Abdul Aziz b.Ismail. 2008. *Beberapa Aspek Sains Dan Teknologi Dalam Islam. UPENA*
Mohd Yadman bin Sarwan (Haji). 2008. *Pengurusan Islam; Teori dan Praktis.* UPENA
Noor Saliza binti Zainal. 2008. *Perbankan Islam di Malaysia.* UPENA
S. Salahudin bin Suyurno, Rasid bin Muhamad,2008. *Pengurusan Islam Teori dan Praktis.* UPENA
Shireen binti Haron , Mat Zin bin Mat Kib, Shaharuddin bin Badaruddin. 2008. *Prosiding Seminar Kepemimpinan Melayu.* UPENA
Zulekha bt Yusoff, Asmak binti Haji Ali. 2008. *Ikhtisar Sains dan Teknologi Islam.* UPENA

DBP: Tiada

Inst. Terj. M:
Dr. Faruq Abd Al-Sheikh Najm Al Abdali. 2008. *Sains dari Perspektif Kitab Samawi*

Dr Mike Goldsmith. 2008. *Sistem Suria*
Buku-Buku Melayu Pilihan 2008 (Berkenaan Melayu)
Tiada yang menarik

Sumber: Resensi buku (melayu online): http://melayuonline.com/bookreview/

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Penyelamat Bahasa Melayu?

Buku-e bidang sains matematik Indonesia:
Prakarsa LIPI (Lembaga Ilmu Pengetahuan Indonesai) kini sudah menghasilkan lebih drp 500 buah judul dari peringkat sekolah dan universitas.
http://www.buku-e.lipi.go.id/utama.cgi?depan

Bilakah giliran sarjana Malaysia pula ikut bersama mengamarakkan kegiatan murni ini?

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Laris Jualan Malaysia 2008 terbitan PTS

Berikut buku terbitan PTS yang laris jualan 2008
1. Salahudin Ayubi: Penakluk Jerusalem (10,710 buah terjual); 2. Umar Al-Khattab: Reformis Dunia Islam (8,979); 3. Salju Sakinah (8,140);4. Hulagu Khan: Khabar Hitam dari Timur (6,522); 5. Sultan Muhammad al Fateh (5,654); 6. Ali bin Abi Talib (5,450); 7. Uthman Affan: Pengumpul al-Quran (5415); 8. Abu Bakar: Sahabat Sejati (5,112); 9. Warkah Cinta Berbau Syurga (4,787); 10. Khalid: Memburu Syahid (4,771); 11. Munajat Cinta (4,707); 12. Bilal bin Rabah (4,636); 13. Abu Ubaidah: Penakluk Parsi (4,586); 14. Tariq: Menang ataupun Syahid (4,212); 15. Lasykar Pelangi (4,153); 16. Doa Insan Berkasih (3,655); 17. Imam Syafie: Pejuang Kebebasan (3,517);18. Lantera Mustika (3,387);19. Munajat Cinta 2 (3,124);20. Makrifat Cinta (2,996). *Sumber: http://cairostudent.blogspot.com/2010/02/20-buku-pts-paling-laris-2009.html*

Novel dari Indonesia 2008

Buku laris Juni 2008

Cereka/Fiksi: Laskar Pelangi (Andrea Hirata), Babi Ngesot (Raditya Dika),Ketika Cinta Bertasbih (Habiburrahman El Shirazi), Sang Pemimpi (Andrea Hirata), Edensor (Andrea Hirata)
Bukan Cereka/Fiksi: Jerusalem: Kesucian, Konflik & Pengadilan Akhir (Trias Kuncahyono), Selamatkan Indonesia (Amien Rais), Lagak Jakarta (Benny & Mice), Warisan Daripada Soeharto (Tim BPK), Doktor Cilik Hafal dan Paham Al-Qur`an (Dinayah Sulaiman),

Sumber: http://penerbitanbuku.wordpress.com/2008/07/28/buku-laris-juni-2008/

Hadiah Sastera Kumpulan Utusan 2008

Kasih Nan Agung karya Sri Rahayu Mohd. Yusop
Jendela Menghadap Jalan oleh Ruhaini Matdarin
Meniti Jalan Hadapan karya Norziati Mohd. Rosman

Hadiah Sastera Mastera 2008

SEJAK ditubuhkan secara rasmi pada 1996, Majlis Sastera Asia Tenggara (Mastera) telah bergerak jauh dalam menghasilkan karya-karya terbaik oleh penulis-penulis Malaysia, Brunei Darussalam dan Indonesia.

Bahagian Kreatif (Novel)

'Ntaidu oleh Nuslim Burmat DBP 2006
Sangeeta oleh Azizi Abdullah DBP 2006

Bahagian bukan Kreatif (bidang teori, kritikan serta wacana sastera)

9 Jawaban Sastera Indonesia. Sbuah Orientasi Kritik. Bening Publishing, Jakarta 2005
Sumber: http://mastera.dbp.gov.my/mmmm.html

Laris Jualan di Malaysia 2008

MPH: Dis 2008
Bukan cereka/fiksyen/fiksi/Non-Fiction: 1. The Secret by Rhonda Byrne , 2. Law of Attraction: The Science of Attracting More of What You Want and Less of What You Don't by Michael J. Losier , 3. A History of God: The 4000-Year Quest of Judaism, Christianity and Islam by Karen Armstrong , 4. Outliers: The Story of Success by Malcolm Gladwell, 5. Men Are from Mars, Women Are from Venus: A Practical Guide for Improving Communication and Getting What You Want by John Gray, 6. Practicing the Power of Now by Eckhart Tolle, 7. A New Earth: Awakening to Your Life's Purpose by Eckhart Tolle, 8. Who Moved My Cheese? by Dr Spencer Johnson , 9. Blink by Malcolm Gladwell, 10. I Can Read You Like a Book: How to Spot the Messages and Emotions People Are Really Sending with Their Body Language by Gregory Hartley

cereka/fiksyen/fiksi/*Fiction:* 1. Remember Me? by Sophie Kinsella , 2. A Prisoner of Birth by Jeffrey Archer, 3. The Appeal by John Grisham, 4. Shopaholic And Baby by Sophie Kinsella, 5. Thanks for the Memories by Cecelia Ahern, 6. The White Tiger by Aravind Adiga, 7. World Without End by Ken Follett,
8. Change of Heart by Jodi Picoult , 9. The Kite Runner by Khaled Hosseini, 10. The Lucky One by Nicholas Sparks

Pengarang tempatan: 1. Mahathir Mohamad: An Illustrated Biography by E. Yu , 2. Laughter, The Best Malaysian by David Tong, 3. Travelog Dakwah: Meniti Hari Esok by Muhd Kamil Ibrahim , 4. Resipi Bonda: Koleksi Masakan Tradisional Melayu by Teh Mohd Hassan , 5. Chedet.com Blog Merentasi Halangan (Dwi Bahasa) by Mahathir Mohamad , 6. The Malay Dilemma by Mahathir Mohamad ,
7. Marksman in the 21st Century by General Tan Sri Datuk Seri Dr Abdul Aziz Zainal , 8. Surat daripada Dr Mahathir by Datuk Zainuddin Maidin, 9. Ahmad Sarji: Attaining Eminence by Lim Chang Moh,
10. Top Money Tips for Malaysians by KC Lau
Sumber: http://www.uncletong.com/The%20New%20Straits%20Times%20Online.htm
Weekly list compiled by MPH Bookstores, Mid Valley Megamall, Kuala Lumpur, www.mphonline.com

10 BUAH JUALAN KEMUNCAK TERLARIS MINGGUNAN DI MEGASTOR MPH DI LURAH TENGAH/*THE WEEK'S TOP 10 BESTSELLERS AT MPH MEGASTORE IN MID VALLEY (NEW STRAITS TIMES, MAR 22, 2008)*

Bukan cereka/fiksyen/fiksi/*Non-Fiction*: 1. The Secret by Rhonda Byrne, 2. The Law Of Attraction by Michael J. Losier, 3. Men Are From Mars, Women Are From Venus by John Gray, 4. How To Get From Where You Are To Where You Want To Be by Jack Canfield, 5.Who Moved My Cheese? by Spencer Johnson, 6. It's Not How Good Your Are, It's How Good You Want To Be by Paul Arden, 7. You Can Heal Your Life by Louise L. Hay, 8.Why Mars And Venus Collide by John Gray, 9. How To Marry The Man Of Your Choice by Margaret Kent, 10. The God Delusion by Richard Dawkins.
Cereka/Fiksyen/Fiksi/*Fiction*: 1. PS, I Love You by Cecelia Ahern, 2. Remember Me? by Sophie Kinsella, 3. Smart Vs. Pretty by Valerie Frankel, 4. Where Rainbows End by Cecelia Ahern, 5. To Kill A Mockingbird by Harper Lee, 6. The Kite Runner by Khaled Hosseini, 7. Witch of Portobello by Paulo Coelho, 8. The Memory Keeper's Daughter by Kim Edwards, 9. Constant Princess by Philippa Gregory,10. Brida by Paulo Coelho
Sumber: taip "best sellers tahun 2208"

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Hadiah Nobel Kesusasteraan 2008

"author of new departures, poetic adventure and sensual ecstasy, explorer of a humanity beyond and below the reigning civilization"

Jean-Marie Gustave Le Clézio Novelis Perancis

His definitive breakthrough as a novelist came with *Désert* (1980), for which he received a prize from the French Academy. This work contains magnificent images of a lost culture in the North African desert, contrasted with a depiction of Europe seen through the eyes of unwanted immigrants. The main character, the Algerian guest worker Lalla, is a utopian antithesis to the ugliness and brutality of European society.

masterpieces such as *Révolutions* and *L'Africain*. In the novel *Désert* (1980), which marked a new turn in his writing

Hadiah Nobel Kesusasteraan dalam alaf ini ialah:

2007: Doris Lessing (UK)
2006: Orhan Pamuk (Turki)
2005: Harold Pinter (UK)
2004: Elfriede Jelinek (Austria)
2003: John M. Coetzee. (Afrika Selatan, berkarya dalam bahasa Inggeris)
2002: Imre Kertész. (Hungaria)
2001: Sir Vidiadhar Surajprasad Naipaul. UK (dilahirkan di Trinidad, berhijrah ke UK dan berkarya dalam bahasa Inggeris sahaja, dan karya agungnya berkenaan dengan kehidupan Muslim kontemporer di Alam Melayu)
2000: Gao Xingjian. Perancis (dilahirkan di China, berkarya dalam bahasa China tetapi kemudaiannya berhijrah ke Perancis 1987, dan kemudiannya berkarya pula dalam bahasa Perancis)

American National Best Seller 2008

USA TODAY Best-Selling Books list: ***Twilight,*** *New Moon, Breaking Dawn & Eclipse* ***by*** **Stephenie Meyer;** *A New Earth by* Eckhart Tolle; *The Shack by* William P. Young; *The Last Lecture by* Randy Pausch, Jeffrey Zaslow; *The Tales of Beedle the Bard by* J.K. Rowling; *Brisingr by* Christopher Paolini; and *The Appeal by* John Grisham

Jualan Laris New York Times 2008 (http://www.hawes.com/number1s.htm)

Bukan Cereka/Non-Fiction

I Am America (And So Can You!) by Stephen Colbert. Grand Central; *In Defense of Food by* Michael Pollan. Penguin Press; *Tom Cruise: An Unauthorized Biography by* Andrew Morton. St. Martin's; *Liberal Fascism by* Jonah Goldberg. Doubleday; *Losing It by* Valerie Bertinelli. Free Press; *Beautiful Boy by* David Sheff. Houghton Mifflin Harcourt; *Mistaken Identity by* Don and Susie Van Ryn and Newell, Colleen and Whitney Cerak, with Mark Tabb. Howard; *Home by* Julie Andrews. Disney Hyperion; *Are You There, Vodka? It's Me, Chelsea by* Chelsea Handler. Simon Spotlight; *The Revolution: A Manifesto by* Ron Paul. Grand Central; *Audition: A Memoir by* Barbara Walters. Knopf; *What Happened by* Scott McClellan. PublicAffairs; *When You Are Engulfed in Flames by* David Sedaris. Little, Brown; *The Obama Nation: Leftist Politics and the Cult of Personality*

*by*Jerome R. Corsi. Threshold Editions; *sTORI Telling* *by*Tori Spelling with Hilary Liftin. Simon Spotlight; *Hot, Flat, and Crowded* *by*Thomas L. Friedman. Farrar, Straus and Giroux; *Too Fat to Fish* *by*Artie Lange with Anthony Bozza. Spiegel & Grau

Sumber: http://en.wikipedia.org/wiki/New_York_Times_Non-Fiction_Bestsellers_of_2008

Cereka/Fiction

"T" Is For Trespass by Sue Grafton (Putnam)

Jualan Laris Amazon.com 2008

Bukan cereka/Non-fiction

1.A New Earth: Awakening to Your Life's Purpose Eckhart Tolle

Penguin; Reprint edition 2008.

2.Breaking Dawn (The Twilight Saga, Book 4) by Stephenie Meyer Little, Brown Books for Young Readers 2008.

3. The Shack William P. Young Windblown Media 2007.

4. The Last Lecture by Randy Pausch, Jeffrey Zaslow Hyperion; 1st edition (April 8, 2008

5. Eclipse (The Twilight Saga, Book 3) by Stephenie Meyer Little, Brown Books for Young Readers; First Edition edition (August 7, 2007

6.Watchmen by Alan Moore, Dave Gibbons DC Comics (April 1, 1995

7. Change Your Brain, Change Your Life: The Breakthrough Program for Conquering Anxiety, Depression, Obsessiveness, Anger, and Impulsiveness (Paperback) Three Rivers Press; Reprint edition (December 31, 1999) ~ Daniel G. Amen

8. The Revolution: A Manifesto (Hardcover) Grand Central Publishing (April 2008) ~ Ron Paul

9. The Post-American World (Hardcover) W. W. Norton & Company; 1 edition (April 17, 2008 ~ Fareed Zakaria

10. A Whole New Mind: Why Right-Brainers Will Rule the Future by Daniel H. Pink Riverhead Trade; Rep Upd edition (March 7, 2006)

11.Predictably Irrational: The Hidden Forces That Shape Our Decisions [Deckle Edge] (Hardcover) HarperCollins; 1 edition (February 19, 2008 ~ Dan Ariely

12. The World Is Flat 3.0: A Brief History of the Twenty-first Century (Paperback) Picador (July 24, 2007) ~ Thomas L. Friedman

13 The Black Swan: The Impact of the Highly Improbable (Hardcover) Random House; 1 edition (April 17, 2007 ~ Nassim Nicholas Taleb

14. The Pillars of the Earth (Paperback) NAL Trade; 1st Thus. edition (February 4, 2002)~ Ken Follett

15. Freakonomics [Revised and Expanded]: A Rogue Economist Explores the Hidden Side of Everything (Hardcover) Steven D. Levitt Stephen J. Dubner William Morrow; Revised & Expand, Roughcut edition (October 17, 2006)

***Sains* (10 buah kemuncak):** (1) Shubin N. 2008. Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body . Pantheon. (2) Miller K.R. 2008. Only a Theory: Evolution and the Battle for America's Soul. Viking Adult; (3) Gazzaniga M.S. 2008. Human: The Science Behind What Makes Us Unique. Ecco; (4) Susskind L. 2008. The Black Hole War: My Battle with Stephen Hawking to Make the World Safe for Quantum Mechanics. Little, Brown and Company; (5) Schwartz J. 2008. In Pursuit of the Gene: From Darwin to DNA. Harvard Univ. Press; (6) Mlodinow L. 2008. The Drunkard's Walk: How Randomness Rules Our Lives . Pantheon; 8th Printing edition; (7) Michaels D. 2008. Doubt is Their Product: How Industry's Assault on Science Threatens Your Health. Oxford University Press, USA; (8) Brooks M. 2008. 13 Things That Don't Make Sense: The Most Baffling Scientific Mysteries of Our Time. Doubleday; (9) Pepperberg I.M. 2008. Alex & Me: How a Scientist and a Parrot Uncovered a Hidden World of Animal Intelligence--and Formed a Deep Bond in the Process. Harper; (10) Zimmer C. 2008. Microcosm: E. coli and the New Science of Life. Pantheon.

Buku Matematik terlaris mengikut *YBP Library Services* (Mac, 2008).

1) Drunkard's Walk: How Randomness Rules Our Lives oleh Mlodinow, Leonard Pantheon 2008.
2) How Math Explains the World: A Guide to the Power of Numbers, From Car Repair to Modern Physics oleh Stein, James D.Smithsonian Books 2008
3) One To Nine: The Inner Life of Numbers oleh Hodges, Andrew. WW Norton, 2008.
4) Sacred Mathematics: Japanese Temple Geometry oleh Fukagawa, Hidetoshi. Princeton Univ.Press 2008.
5) Philosophy of Mathematics: A Contemporary Introduction to the World of Proofs and Pictures oleh Brown, James Robert. Routledge 2008.
6) Archimedes and the Roman Imagination oleh Jaeger, Mary. University Of Michigan Press 2008.
7) Bayesian Networks: A Practical Guide to Applications oleh Olivier, Pourret. John Wiley 2008.
8) Algebraic Curves over a Finite Field oleh Hirschfeld, J. W. P. Princeton University Press 2008.
9) Introduction to Time Series Analysis and Forecasting oleh Montgomery, Douglas C.John Wiley 2008.
10) Tools of American Mathematics Teaching, 1800-2000 oleh Kidwell, Peggy Aldrich. Johns Hopkins University 2008.

Sumber: http://www.libraryjournal.com/article/CA6614309.html

***PEMENANG ANUGERAH BUKU BRITAIN 2008/ BRITISH BOOK AWARDS WINNERS* (12 kategori)**

The British Book A wards were founded and are still organised by Publishing News – the leading weekly magazine for the book trade. The Event is being produced and filmed by Cactus TV.
The British Book Awards are the publishing industry's equivalent to the BAFTAs and are the glitziest event in the UK book industry's calender. The awards celebrate the nation's favourite books, authors and publishers.

2008 Best Read of the Year: *A Thousand Splendid Suns* Khaled Hosseini. Bloomsbury

Author of the Year:

Ian McEwan for *On Chesil Beach.* Jonathan Cape; Khaled Hosseini for *A Thousand Splendid Suns.* Bloomsbury; Doris Lessing for *The Cleft.* Fourth Estate; Chimamanda Ngozi Adichie for *Half a Yellow Sun.* HarperPerennial; dan David Peace for *The Damned Utd.* Faber & Faber

Hadiah Booker 2008/The Booker Prize 2008

The Man Booker Prize for Fiction, also known in short as the Booker Prize, is a literary prize awarded each year for the best original full-length novel, written in the English language, by a citizen of either the Commonwealth of Nations or the Republic of Ireland. The prize was originally known as the **Booker-McConnell Prize** after the company Booker-McConnell began sponsoring the event in 1968, and became commonly known as the "Booker Prize" or simply "the Booker". When administration of the prize was transferred to the Booker Prize Foundation in 2002, the title sponsor became the investment company Man Group, which opted to retain "Booker" as part of the official title of the prize. The prize money awarded with the Booker Prize was originally £21,000, and was subsequently raised to £50,000 in 2002 under the sponsorship of the Man Group
Aravind Adiga won the prize in 2008 and his novel, *The White Tiger*
Anne Enright who won the prize in 2007 for her novel, *The Gathering*
Kiran Desai who won the prize in 2006 for *The Inheritance og Loss*
2005: John Banville's *The Sea*
2004: not only did Allan Hollinghurst's *The Line of Beauty* but also *Vermon God Little* for 2003 and *Life of Pi* for 2002.

Pulitzer Prize 2008 (Khas untuk pengarang Amerika Syarikat)

Pemenang 2008:
cereka: *The Brief Wondrous Life of Oscar Wao* by Junot Diaz (Riverhead Books)
bukan cereka*: The Years of Extermination* by Saul Frierlander (HarperCollins)

Pemenang dahulu:
2007: The Road by Cormac McCarthy 2006
2006: March by Geraldine Brooks;
2005: *Gilead* by Marilynne Robinson;
2004: *The Known World* by Edward P.Jones;
2003: Middlesex by Jeffrey Eugenides;
2002: *Empire Falls* by Richard Ruso; 2
2001: *The Amazing Adventures of Kavalier & Clay* by Michael Chabon;
2000: *Interpreter of Maladies* by (an Indian American) Jhumpa Lahiri.
2007*: The Road* by Cormac McCarthy 2006
2006*: March* by Geraldine Brooks
2005: *Gilead* by Marilynne Robinson;
2004: *The Known World* by Edward P.Jones;
2003: *Middlesex* by Jeffrey Eugenides;
2002: *Empire Falls* by Richard Ruso; 2
2001: *The Amazing Adventures of Kavalier & Clay* by Michael Chabon;
2000: *Interpreter of Maladies* by (an Indian American) Jhumpa Lahiri.

Buku Sains Komputer, Sains Maklumat dan yang Berhubungan Terbitan 2007

[tidak termasuk aspek kejuruteraan/teknologi komputer, sejarah dan falsafahnya, kaedah/analisis berangka dan bidang-bidang sn matema yang lain yg juga ada unsur sn komputer dsbnya itu]

Kaedah/Analisis Berangka.

Lihat di bawah Analisis

Sn Komp & Maklu /Informations & Computer Sc.

Laris

KIZZA J.M. 2007. ETHICAL AND SOCIAL ISSUES IN THE INFORMATION AGE. 3RD ED. SPRINGER

Baru

Apt K.R. & Wallace M. 2007. *Constraint Logic Programming using Eclipse*. CUP

AHLSWEDER., BÄUMER L., CAI N., AYDINIAN H., BLINOVSKY V., DEPPE C. & MASHURIAN H. (PNYUT.). 2007. ***GENERAL THEORY OF INFORMATION TRANSFER AND COMBINATORICS*** **SPRINGER**

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Bhattacharya A. , Konar A. & Mandal A.K. 2006. *Parallel and Distributed Logic Programming: Towards the Design of a Framework for the Next Generation Database Machines*. Springer

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Curtis G., Cobham D., Barnes D., Kolling M. & Brookshear J.G. 2007. *Computer Science: An Overview: WITH Business Information Systems, Analysis, Design, and Practice AND Objectives First with Java, a Practical Introduction Using BlueJ.* Addison Wesley

De Castro L.N. 2006. ***Fundamentals of Natural Computing: Basic Concepts, Algorithms, and Applications.*** **Chapman & Hall/CRC**

Erickson K.T. 2005. *Programmable Logic Controllers: An Emphasis on Design and Application*. Dogwood Valley Press

Evans W.T. 2005. *Programmable Logic Controllers: Fundamentals and Applications*. Stipes Pub Llc

Farrell J. 2005. *An Object-Oriented Approach to Programming Logic and Design*. Course Technology

Fishwick P.A. (Pnyut.). 2007. ***Handbook of Dynamic System Modeling.*** **Chapaman & Hall/CRC**

Gabbay D.M. 2007. ***Logic for Artificial Intelligence and Information Technology.*** **College Publications**

Gazeau J-P., Nesetril J. & Rovan B. 2007. ***Physics and Theoretical Computer Science: From Numbers and Languages to (Quantum) Cryptography.*** **IOS Press**

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Komputeran/Perkiraan Lembut, Tegap dan Pervasif

Abraham A., de Baets B., Köppen M. & Nickolay B. (Pnyut.). 2006. Applied Soft Computing Technologies: The Challenge of Complexity.Springer

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Lawry J., Miranda E., Bugarin A., Li S. , Gil M.A. , Grzegorzewski P. & Hryniewicz O. (Pnyut.). 2006. Soft Methods for Integrated Uncertainty Modelling. Springer
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Thomas J.P. & Essaaidi M. (Pnyut.). 2006. Information Assurance and Computer Security, Volume 6 NATO Security through Science Series: Information and Communication Security . IOS Press
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Komputeran/Perkiraan Quantum

Gaitan F. 2006. ***Quantum Error Correction and Fault Tolerant Computing.*** **Wiley VCH**
Imre S. & Balazs F. 2005. ***Quantum Computing and Communications: An Engineering Approach.*** **Wiley**
Kaye P., Laflamme R. & Mosca M. 2007. ***An Introduction to Quantum Computing.*** **OUP, USA**
Laflamme P., Mosca R. & Kaye M. 2007. ***An Introduction to Quantum Computing.*** **OUP**
McMahon D. 2007. ***Quantum Computing Explained.*** **Wiley-IEEE Computer Society Pr**
Ohya M. & Watanabe N. (Pnyut.). 2006. ***Quantum Information And Computing.*** **WSc Hardcover**
Routt T.J. (Pnyut.). 2005. ***Quantum Computing.*** **1st World Publishing, Inc**
Shannon S. (Pnyut.). 2007. ***Trends in Quantum Computing Research.*** **Nova Science Publishers**
Stones J.E. 2007. ***Computer Science And Quantum Computing*** **Nova Science Publishers**

Mantik Pengiraan/Komputasi (Computational Logic)

Bhattacharya A., Konar A. & Mandal A.K. 2006. ***Parallel and Distributed Logic Programming: Towards the Design of a Framework for the Next Generation Database Machines.*** **Springer**
Penczek W. & Pólrola A. 2006. ***Advances in Verification of Time Petri Nets and Timed*** **Automata:** ***A Temporal Logic Approach.*** **Springer**
Schwartz J. & Omodeo E., Cantone D. 2005. ***Computational Logic and Set Theory.*** **Springer**
Tieszen. 2005. ***Symbolic Logic Computational Approach.*** **Pearson US Imports & PHIPEs**

Pengoptimuman dlm/drp Sn Komputer
Lihat pengoptimuman

Reka Bentuk Geometri Berbantu Komputer/ RBGBK **(computer-aided geometric design)**

Marinov M.C. 2006. ***Automatic Generation of Structure-Preserving Models for Computer-Aided Geometric Design.*** **Shaker Verlag GmbH, Germany**

Sn Komputer dlm Ekonomi, Pengurusan dan Perniagaan
Lihat dalam Sn Ekonomi, Pengurusan dan Perniagaan

Sn Komp dlm/drp Sn Hayat dan Perubatan.
Lihat sn matema. dlm sn hayat dan perubatan

Sn Komp dlm/drpd Sn Sosial tidak termasuk ekonomi, pengurusan dan perniagaan
Lihat di bawah sn matematik dalam pelbagai bidang lain

Sn komputer dan Kb & Stat.
Lihat di bawah Kb & Stat

Sn komputer dan matematik kabur
Lihat di bawah sn matematik kabur

Sn komputer dlm aljabar.
Lihat di bawah aljabar

Sn komputer dlm pendidikan.
Lihat di bawah pendidikan sn matematik

Sn komputer dlm/drp industri dan kejuruteraan.
Lihat Sn Matema Industri dan Kejuruteraan

Sn Komp dlm Kemanusiaan.
Lihat di bawah Sn Matema dlm pelbagai Bidang

Sn Komp dan agama.
Lihat sn matematik dan agama

Sn Komputer dalam bidang lain-lain
ABNEY S. 2007. ***SEMISUPERVISED LEARNING FOR COMPUTATIONAL LINGUISTICS*** **CHAPMAN & HALL/CRC**
RAJMAN M. & PALLOTA V. 2007. ***SPEECH AND LANGUAGE ENGINEERING*****. EFPL PRESS**
THOMAS J.P., ESSAIDI M. & EDITORS. 2006. ***INFORMATION ASSURANCE AND COMPUTER SECURITY*****, VOLUME 6 NATO**
SECURITY THROUGH SCIENCE SERIES: INFORMATION AND COMMUNICATION **SECURITY IOS PRESS**

Buku Sains Matematik Aktuari/Kejuruteraan Kewangan, Matematik Niaga dan Kewangan 2007

Buku-buku berikut dipetik drp senarai buku di amazon bintik com di bawah judul "actuarial science"/sains aktuari, "financial engineering"/kejuruteraan berkewangan, "mathematical finance"/kewangan bermatematik, "statistical finance"/kewangan berstatistik, "finance mathematics"/matematik(a) keewangan/keuangan (yg banyak bertindan dgn statistik keewangan), "finance statistics"/statistik(a) keewangan/keuangan (yg banyak bertindan dgn matematik kewangan), "finance computer science"/sains komputer keewangan/keuangan, "financial x"/x berkewangan (x=mathematics, statistics, computer science), "business mathematics"/matematik(a) niaga/bisnes, "business statistics"/statistik(a) niaga/bisnes dan "business computer science"/sains komputer niaga/bisnes (>300), "computational finance"/kewangan pengiraan/kewangan komputasi, "computational business"/niaga pengiraan, "computing business"/niaga komputeran, dan "business computing"/komputeran niaga.

Kawalan optimum drp/dlm Kewangan dan Niaga
Lihat Kawal optimum

Kebarangkalian Niaga/Dagangan Kebarangkalian (**Business Probability/probability trading)**
DUSSAULT T.L. 2005. ***PRICE TRENDS AND INVESTMENT PROBABILITIES*****. SOUTH-WESTERN EDUCATIONAL PUB**
JONDEAU E., POON S.H., ROCKINGER M. 2006. ***FINANCIAL MODELING UNDER NON-GAUSSIAN DISTRIBUTIONS*** **SPRINGER**
O'HAGAN A., BUCK C.E., DANESHKHAH A., EISER J.R., GARTHWAITE P.H. , JENKINSON D.J., OAKLEY J.E. & RAKOW T. 2006. ***UNCERTAIN JUDGEMENTS: ELICITING EXPERTS' PROBABILITIES*****. WILEY**
PONSI E. 2007. ***FOREX PATTERNS & PROBABILITIES: TRADING STRATEGIES FOR TRENDING & RANGE-BOUND MARKETS*****.WILEY**

Kb & Stat Niaga**/Business Prob & Stats**
Tiada

Kewangan/Dagangan Bermatematik **(Mathematical Finance /Trading)**
Yg laris
Chung K.L. & Farid AitSahlia. 2006. *Elementary Probability Theory: With Stochastic Processes and an Introduction to Mathematical Finance.* 4th ed. Springer
COHENS G. 2005. ***OPTIONS MADE EASY: YOUR GUIDE TO PROFITABLE TRADING*****. 2ND E. FT PRESS**
FONTANILLS G.A. 2005. ***THE OPTIONS COURSE: HIGH PROFIT & LOW STRESS TRADING METHODS*****. 2ND ED. WILEY**

Yg baru

CHICHILNISKY. 2005. ***MATHEMATICAL FINANCE*****. EDWARD ELGAR**

COOLEN A.C.C. 2005. ***THE MATHEMATICAL THEORY OF MINORITY GAMES: STATISTICAL MECHANICS OF INTERACTING AGENTS*****. OUP, USA**

DINEEN S. 2005. ***PROBABILITY THEORY IN FINANCE: A MATHEMATICAL GUIDE TO THE BLACK-SCHOLES FORMULA*****. AMS**

DOKUCHAEV. 2007. ***MATHEMATICAL FINANCE.*** **ROUTLEDGE**

FIORENZANI S. 2006. ***QUANTITATIVE METHODS FOR ELECTRICITY TRADING AND RISK MANAGEMENT: ADVANCED MATHEMATICAL AND STATISTICAL METHODS FOR ENERGY FINANCE*****. PALGRAVE MACMILLAN**

FRIES C. 2007. ***MATHEMATICAL FINANCE: THEORY, MODELING, IMPLEMENTATION*****. WILEY**

FU M.C. , JARROW R.A., YEN J-Y. J. & ELLIOTT R.J. (PNYUT.). 2007. ***ADVANCES IN MATHEMATICAL FINANCE*****. BIRKHÄUSER BOSTON**

JIANG L. 2005. ***MATHEMATICAL MODELING AND METHODS OF OPTION PRICING*** **WSC**

MALLIAVIN P. & THALMAIER A. 2005. ***STOCHASTIC CALCULUS OF VARIATIONS IN MATHEMATICAL FINANCE*** **SPRINGER**

MATHIEU P. , BEAUFILS B. & BRANDOUY O. (PNYUT.). 2005. ***ARTIFICIAL ECONOMICS: AGENT-BASED METHODS IN FINANCE, GAME THEORY AND THEIR APPLICATIONS*****. SPRINGER**

PERNA C. & SIBILLO M. (PNYUT.). 2007. ***MATHEMATICAL AND STATISTICAL METHODS FOR INSURANCE AND FINANCE.*** **SPRINGER**

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RYAN T.P. 2006. ***PORTFOLIO ANALYSIS: ADVANCED TOPICS IN PERFORMANCE MEASUREMENT, RISK AND ATTRIBUTION*****. RISK BOOKS**

SCHULMERICH M. 2005. ***REAL OPTIONS VALUATION: THE IMPORTANCE OF INTEREST RATE MODELLING IN THEORY AND PRACTICE.*** **SPRINGER**

TANG Y. & LI B. 2007. ***QUANTITATIVE ANALYSIS, DERIVATIVES MODELING, AND TRADING STRATEGIES: IN THE PRESENCE OF COUNTERPARTY CREDIT RISK FOR THE FIXED-INCOME MARKET*****. WSC**

VINCE R. 2007. ***THE HANDBOOK OF PORTFOLIO MATHEMATICS: FORMULAS FOR OPTIMAL ALLOCATION & LEVERAGE*****. WILEY**

VINE S. 2005. ***OPTIONS: TRADING STRATEGY AND RISK MANAGEMENT*** **WILEY**

Kewangan Berpengiraan/Berkomputasi (Computational Finance)

Penerbitan bidang ini hampir semunya bertindan dengan bidang "mathematical finance". Berikut yang tidak bertindan itu:

BATYRSHIN I., KACPRZYK J., SHEREMETOV L. & ZADEH L.A. (PNYUT.). 2007. ***PERCEPTION-BASED DATA MINING AND DECISION MAKING IN ECONOMICS AND FINANCE.*** **SPRINGER**

CHEN S-H., WANG P.P, TZU-WEN KUO (PNYUT.). 2007. ***COMPUTATIONAL INTELLIGENCE IN ECONOMICS AND FINANCE*****: VOLUME II. SPRINGER**

COSTANTINO M. & BREBBIA C.A. (PNYUT.). 2006. ***COMPUTATIONAL FINANCE AND ITS APPLICATIONS*** **II (V. 2). WIT PRESS (UK)**

DEISSENBERG C.; HARTL R.F. 2005. ***OPTIMAL CONTROL AND DYNAMIC GAMES: APPLICATIONS IN FINANCE, MANAGEMENT SCIENCE AND ECONOMICS*****. SPRINGER**

WANG S-H. KUO, P. & CHEN T-W. 2007. ***COMPUTATIONAL INTELLIGENCE IN ECONOMICS AND FINANCE*** **. AUTHORSPRINGER-VERLAG NEW YORK INC**

*Kewangan Berstatistik/*Statistical finance

Ada hanya beberapa buah ini sahaja yang tak bersilang dng "mathematical finance":

Yg laris

REISS R-D. & THOMAS. M. 2007. ***STATISTICAL ANALYSIS OF EXTREME VALUES: WITH APPLICATIONS TO INSURANCE, FINANCE, HYDROLOGY AND OTHER FIELDS*****. 3RD ED. BIRKHÄUSER BASEL**

Yg baru

CIZEK P., WOLFGANG HÄRDLE , RAFAL WERON. 2005. ***STATISTICAL TOOLS FOR FINANCE AND INSURANCE*****. SPRINGER**
COOLEN A.C.C. 2005. ***THE MATHEMATICAL THEORY OF MINORITY GAMES: STATISTICAL MECHANICS OF INTERACTING AGENTS*****. OUP, USA**
GREGORIOU G.N. 2006. ***FUNDS OF HEDGE FUNDS: PERFORMANCE, ASSESSMENT, DIVERSIFICATION, AND STATISTICAL PROPERTIES.*** **BUTTERWORTH-HEINEMANN**
PERNAC. & SIBILLO M. (PNYUT.). 2007. ***MATHEMATICAL AND STATISTICAL METHODS FOR INSURANCE AND FINANCE*****.SPRINGER**
LO A.W. (PNYUT.). 2007. ***STATISTICAL METHODS AND NON-STANDARD FINANCE*****. EDWARD ELGAR PUBLISHING**
POLE A. 2007. ***STATISTICAL ARBITRAGE: ALGORITHMIC TRADING INSIGHTS AND TECHNIQUES*****. WILEY**

***Komputeran Niaga*/Business computing**

Penerbitan bidang ini banyak yang bersilang dengan bidang sains komputer dlm/drp perniagaan dan matematik perniagaan. Berikut pilihan yg tidak bertindan dengan bidang lain itu:

BUNKER G. & THOMSON D. 2006. ***DELIVERING UTILITY COMPUTING: BUSINESS-DRIVEN IT OPTIMIZATION*** **WILEY**
GREENSTEIN S.M. (PNYUT.) 2006. ***COMPUTING (BUSINESS ECONOMICS)*** **EDWARD ELGAR PUBLISHING**
NOURANI C.F. 2005. ***INTELLIGENT MULTIMEDIA COMPUTING SCIENCE: BUSINESS INTERFACES*****, WIRELESS COMPUTING,** ***DATABASES, AND DATA MINING*** **AMERICAN SCIENTIFIC PUBLISHERS**

***Matematik Kewangan*/Financial or Finance Mathematics**

Setengah drp buku bidang ini muncul dlm "mathematical economics", dan "econometrics

Yg laris

LambertonD. & Lapeyre B. 2007. *Introduction to Stochastic Calculus Applied to Finance*. 2nd ed. Chapman & Hall/Crc

Neftci S.N. 2006. *An Introduction to the Mathematics of Financial Derivatives* . 3rd Rev. ed. Author Academic Press Inc.,U.S

Ruckman C. & Francis J. 2005. *Financial Mathematics: A Practical Guide For Actuaries And Other Business Professionals.* 2nd ed. BPP Professional Education

Steiner B. 2007. *Mastering Financial Calculations: A step-by-step guide to the mathematics of financial market instruments.* 2nd Ed. FT Press

Yg baru

Alistair D. 2005. *Mastering Financial Mathematics with Excel: A Practical Guide for Busine* FT Press

BIEHLER T. 2007. ***THE MATHEMATICS OF MONEY: MATH FOR BUSINESS AND PERSONAL FINANCE DECISIONS*****. MCGRAW-HILL/IRWIN**

Bluhm C. & Overbeck L. 2006. *Structured Credit Portfolio Analysis, Baskets and CDOs*. Chapman & Hall/Crc

BOWMAN A. & ORR J. 2007. ***ACCOUNTING AND FINANCIAL FUNDAMENTALS FOR YOUR MATHEMATICS*** **TIPS BUSINESS (AUDIO CD). LTBR**

Brandimarte P. 2006. *Numerical Methods in Finance and Economics: A MATLAB-Based Introduction* . 2nd ed. Wiley-Interscience

COX D. & COX M. 2006. ***THE MATHEMATICS OF BANKING AND FINANCE*****. WILEY**

Day A. 2005. *Mastering Financial Mathematics with Exc.* FINANCIAL TIMES PREN

Detemple J. 2005. *American-Style Derivatives: Valuation and Computation*. Chapman & Hall/Crc

Miller J., Edelman D. & Appleby J. (PNyut.). 2007. *Numerical Methods for Finance*. Chapman & Hall/Crc

NAVIN R.L.2006. ***THE MATHEMATICS OF DERIVATIVES: TOOLS FOR DESIGNING NUMERICAL ALGORITHMS*****. WILEY**

Prigent J-L. 2007. *Portfolio Optimization and Performance Analysis*. Chapman & Hall/Crc

Qian E.E. , Hua R.H. & Sorensen E.H. 2007. *Quantitative Equity Portfolio Management: Modern Techniques and Applications.* Chapman & Hall/Crc

Schoenmakers J. 2005. *Robust Libor Modelling and Pricing of Derivative Products*. Chapman & Hall/CRC

Tse Y.K. & Chan W-S. 2007. *Financial and Actuarial Mathematics*. McGraw-Hill Education (Asia)
Vassilis C. Mavron V.C. & Phillips T.N. 2006. *Elements of Mathematics for Economics and Finance*.Springer
Yan H., Yin G. & Zhang Q. (Pnyut.). 2006. *Stochastic Processes, Optimization, and Control Theory: Applications in Financial Engineering, Queueing Networks, and Manufacturing Systems*. ?????

***Matematik Niaga/Bisnes* (Business mathematics)**
Banyak yg bersilang dengan "business statistics" yg disenarai berasingan di sini, dan berikut ialah pilihan penyunting yg tidak bersilang itu:

Yg Laris

Barnett R.A. , Ziegler M.R. & Byleen K.E. 2007. *Finite Mathematics for Business, Economics, Life Sciences and Social Sciences*.11th Ed. Prentice Hall
Brechner R. 2006. *Contemporary Mathematics For Business And Consumers*. 4th Ed. Thomson South-Western
Clar L.M. 2007. *Mathematics for Business & Personal Finance*. 3rd ed. Kendall/ Hunt Publishing Company
Deitz J. 2006. *Contemporary Business Mathematics*. 14th ed. Thomson South West
Glencoe McGraw-Hill. 2006. *Mathematics with Business Applications*. 6th ed. Glencoe/McGraw-Hill
Hogg. 2006. *Essential Mathematics for Business and Economic Analysis*.2nd ed. Pearson Custom Publishing
Jacques I. 2006. *Mathematics for Economics and Business*. 5th Ed. Prentice Hall
Nelda R. Roueche N.R. , Virginia Graves V. & Michael D. Tuttle M.D. 2005. *Business Mathematics*. 9th Ed. Prentice Hall
Ruckman C. & Francis J. 2005. *Financial Mathematics: A Practical Guide For Actuaries And Other Business Professionals.* 2nd ed. BPP Professional Education
Temple University (Pnyut.). 2007. *Mathematics with Business Applications*. 9th ed. Pearson Custom Publishing
Werner F. 2006. *Mathematics of Economics and Business*. New ed. Routledge
Willemain J.P. 2005. *Business Analysis: Problem Solving Using Calculus and Finite Mathematics*. 2nd Ed. Pearson Custom Publishing

YG BARU

Bhardwai R.S. 2006. *Mathematics for Economic and Business*. Excel Books
Biehler T. 2007. *The Mathematics of Money: Math for Business and Personal Finance Decisions* McGraw-Hill/Irwin
Charles D.; Stanley A S.; Miller G.C. 2005. *Business Mathematics.* Ad Wesley
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Pengelasan Sains Matematik PERSAMA 2000

Perinciannya ada dalam Warkah Berita PERSAMA 1999

Aljabar [Aj1-77.xxxx]

Am dan pelbagai [Am1-11.xxxx]

Analisis [As1-77.xxxx]

Ekonomi Matematik [EM1-37.xxxx]

Geometri, topologi dan manifold [G1-46.xxxx]

Landasan, sejarah dan falsafah sains matematik [L1-9.xxxx]

Matematik biologi dan perubatan (biologi matematik, biomatematik, biostatistik, dsbnya) [MB1-33.xxxx]

Matematik Fizik/Fizik matematik [MF1-36.xxxx]

Pendidikan Sains Matematik [PdSM1-11. 97xx]

Pengoptimuman dan Kawalan [PoK1-32.xxxx]

Penyelidikan Operasi dan Sains Pengurusan [Pop1-12.xxxx]

Sains Komputer [SK1-26.xxxx]

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Sains Matematik Kejuruteraan [SMKj1-47.xxxx]

Sains Matematik Mutu dan Daya Pengeluaran [SMDP1-13.xxxx]

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Mulai 2003 *MASTIC* , Kementerian Sains, Teknologi dan Alam sekitar (kini Kementerian sains, Teknologi dan Inovasi), memperkenal pengelasan sains matematik yang baru hasil daripada rundingan dengan beberapa orang ahli sains matematik undangannya termasuklah Presiden PERSAMA. Pihak PERSAMA cuba mengetengahkan Pengelasan Sains Matematik PERSAMA 2000 itu, tetapi ditolak oleh pihak *MASTIC* atas alasan perubahan besar seperti itu tidak sesuai dengan rangka pengelasan ilmu yang diamalkan oleh *MASTIC* selama ini yang berasaskan pada perakuan perundingnya dari Australia. Jelaslah buat beberapa ketika ini *MASTIC* masih mahu mengekalkan kerangka pengelasan sains matematik dari perundingnya itu. Sebelum itu, permohonan Presiden PERSAMA (secara bertulis) agar pengelasan ini dibuat dalam dwibahasa Melayu-Inggeris juga, malangnya tidak dilayan (agaknya sesuai dgn dasar baru bahasa baru Malaysia sejak 2003 itu). Dengan kekangan ini sarjana sains matematik tempatan yang dirundingi itu terpaksalah berkompromi lalu menghasilkan pengelasan *MASTIC* 2003 ini yang layak dinamai Pengelasan Sains Matematik *MASTIC* 2003 sahaja. Para pemohon projek *IRPA* mulai 2003 ini perlulah menggunakan pengelasan ini.

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F1010107 Dynamical Systems
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F1010507 Psychology
F1010599 Other Areas in Mathematical Science Education

F1019900 Other Mathematical Sciences Not Elsewhere Classified

Sumber: Malaysian Research and Development Classification System 2002. MOSTE. 4th ed.

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