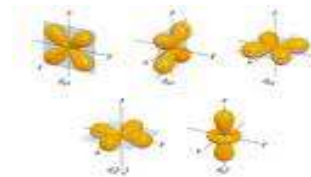
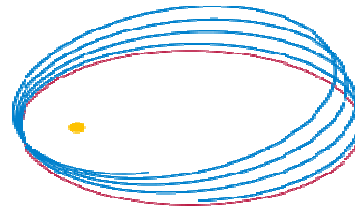
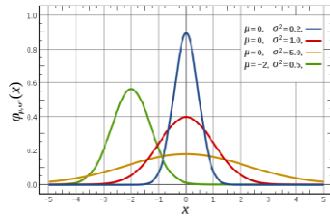


WARKAH BERITA PERSAMA

Bil 14 (1&2) 2009/1430 H/2087 S
(Untuk Ahli Sahaja)



PERSATUAN SAINS MATEMATIK MALAYSIA (PERSAMA)

(Dimapankan pada 1970 sebagai “*Malaysian Mathematical Society*”, tetapi dinamai semula sebagai “Persatuan Matematik Malaysia (PERSAMA)” pada 1995 dan diperluaskan kepada “Persatuan Sains Matematik Malaysia (PERSAMA)” mulai Ogos 1998)

Terbitan “*Newsletter*” persatuan ini yang dahulunya tidak berkala mulai dijenamakan semula sebagai “Warkah Berita” mulai 1994/1995 (lalu dikira Bil. 1 (1&2) 1995) dan diterbitkan dalam bentuk cetakan liat tetapi sejak isu 2008 (terbitan 2010) dibuat dalam bentuk salinan lembut di laman PERSAMA.

WARKAH BERITA PERSAMA

(PERSatuan Sains MAtematik MAlaysia)

Bil. 14 (1&2) 2009M/1430H
(Januari 2009– Dis 2009 /*Muharam* 1430 – *Muharram* 1431)
Untuk Ahli Sahaja

Terbitan sebegini yang pertamanya ialah 1994/1995 (dikira Bil.1 (1&2) 1995)
Berkala dwitahunan



Penerbit: PERSAMA d/a Pusat Pengajian Sains Matematik UKM
Tel. 03-8292728; faks. 03-8293289; <http://www.tmsk.itm.edu.my/~persama>
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PERSATUAN SAINS MATEMATIK MALAYSIA

(Dimapankan pada 1970 sebagai “*Malaysian Mathematical Society*”, tetapi dinamai semula sebagai “Persatuan Matematik Malaysia (PERSAMA)” mulai 1995 dan berubah lagi kepada nama baru ini bermula Ogos 1998)

Penyunting Pengurusan



Shaharir bin Mohamad Zain
PhD, FIMA, FIFM, FIA, JSP, FASc.
Shaharirzain711@hotmail.com

Presiden (sejak 2002)  Dr. Mohd Salmi bin Mohd Noorani msn @ pkrisc.cc.ukm.my	Setiausaha Kehormat (sejak 1997)  Prof. Maslina binti Darus maslina@pkrisc.cc.ukm.my
Pengutus  Dr. Leong Choong Yeun PPSM, UKM	Pengutus Khas  Dr. Arsmah bt Ibrahim FSKSM/FTMSM, UiTM arsmah@tmsk.uitm.edu.my  Dr. Nor Haniza bt Sarmin JM, UTM nhs@mel.fs.utm.my

Pendapat yang terkandung di dalam Warkah Berita ini tidak semestinya mencerminkan pandangan PERSAMA



Mantan Presiden :

1994-2002: Prof. Dr. Shaharir bin Mohamad Zain
1991-93: Dr. Tan Sin Ling
1989-90: Dr. Seah Sek Wui
1988: Dr. Tan Keng Teh
1987: Dr. Abu Osman Md. Tap
1986: Dr. Wong Peng Choon
1985: Dr. Tan Sin Ling
1984: Dr. Ng Boon Yian
1971, 1983: Prof. Cheng Mei Choi
1982: Dr. Lim Ming Huat
1973, 1975, 1981: Dr. Lim Chong Keang
1979: Dr. Tan Keng Teh
1977-78; 1980: Dr. Seah Sek Wui
1974, 1976: Dr. Chee Pak Soon
1970, 1972: Dr. Cheong Chong Kong

Mantan Setiausaha:

1994-97: Dr. Mohd. Salmi Md. Noorani
1990-93: Dr. Kurunathan Ratnavelu
1986-90: Dr. Chia Gek Leng
1985: Dr. Ng Boon Yian
1984: Dr. Tan Sin Ling
1983: Dr. Lim Meng Huat
1972, 1974, 1981-1982: Dr. Seah Sek Wui
1979-1980: Dr. Lee Choo Seng
1978: Dr. Ng Boon Yian
1977: Dr. Tan Keng Teh
1976: Dr. Ang Beng Tong
1975: Dr. Fon Wai Choo
1973: Dr. Chee Pak Soon
1971: Dr. Cheong Hock Aun
1970: Dr. Cheng Mee Choi

#####

Peringatan Kepada Ahli-Ahli PERSAMA

Bagi mengelakkan daripada gugurnya keahlian anda kerana tidak menjelaskan yuran 3 tahun berturut-turut, silalah lunaskan yuran anda dengan segera menerusi borang yang disediakan di bahagian akhir *Warkah Berita* ini.

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BARISAN PIMPINAN PERSAMA 2009/2010 – 2010/11

PERSATUAN SAINS MATEMATIK MALAYSIA

Presiden 	Prof. Dr. Mohd Salmi Md Noorani PPSM, UKM
Naib Presiden 	Dr. Arsmah Ibrahim FSKM, UiTM
Naib Presiden 	Dr. Nor Haniza Sarmin Jabatan Matematik, UTM
Setiausaha Kehormat 	Prof. Dr. Maslina Darus PPSM, UKM
Penolong Setiausaha Kehormat 	Dr. Norihan Md Ariffin , Jabatan Matematik, UPM
Bendahari Kehormat 	Dr. Saiful Hafizah Jaaman PPSM, UKM
Ahli Jawatankuasa Kerja (AJAK) 	Prof. Dr. Adem Kilicman Jabatan Matematik, UMT

AJAK 	Prof. Dr. Suseini Abdul Halim Institut Matematik, UM
AJAK 	Dr. Husna Hasan PPSM, USM
AJAK 	Dr. Mustyafa Mamat Jabatan Matematik, UMT

Pertanyaan ? sila hubungi terus:

PROF. DR MASLINA DARUS Setiasaha Kehormat, PERSATUAN SAINS MATEMATIK MALAYSIA (PERSAMA)	Untuk pangkalan data keahlian, sila hubungi: Dr Norihan Md Ariffin Pembantu Setiasaha Kehormat PERSATUAN SAINS MATEMATIK MALAYSIA (PERSAMA)
d/a Pusata Pengajian Sains Matematik, Fakulti Sains dan Teknologi, Universiti Kebangsaan Malaysia, UKM Bangi 43600 Selangor D.Ehsan maslina@ukm.my, 03-89213424 (P), 013-3882683 (TG)	d/a Jabatan Matematik, Fakulti Sains, Universiti Putera Malaysia, UPM Serdang 43400, Selangor D.Ehsan

MELENTUR BULUH MENGASAH BAKAT

Pertandingan Olimpiad Matematik Kebangsaan 2009 (OMK2009)

Drp Meja Dr. Roslinda

Sejak tahun 1970-an lagi, persatuan sains matematik malaysia (persama) telah menganjurkan pertandingan tahunan matematik untuk pelajar SPM dan Tingkatan Enam seluruh Negara. Kemudian (sejak 1990-an) pertandingan ini diberi jenama baru dan diperluaskan lagi ke tingkatan 1-3 dengan nama Olimpiad Matematik Kebangsaan (OMK) dan format serta bentuk soalan pun diubah ke arah bentuk Olimpiad Matematik Antarabangsa itu untuk menyahut cabaran sains dan teknologi semasa. Seperti tahun-tahun lepas, pertandingan ini terdiri daripada tiga kategori iaitu:

Kategori Bongsu (Untuk Tingkatan 1 dan 2),

Kategori Muda (untuk Tingkatan 3 dan 4)

Kategori Sulong (untuk Tingkatan 5, 6 / Matrikulasi)

Pertandingan ini merupakan pertandingan berpasukan dengan empat orang ahli satu pasukan, dan sekaligus ia juga merupakan pertandingan individu atau perseorangan.

Seperti tahun-tahun yang lepas, pada tahun 2009 Persatuan Sains Matematik Malaysia (PERSAMA) sekali lagi menganjurkan Pertandingan Olimpiad Matematik Kebangsaan (OMK) yang merupakan suatu kegiatan tahunan. Pertandingan ini diadakan bagi menjana satu generasi yang berdaya saing dalam matematik untuk menyahut cabaran sains dan teknologi dalam milenium ini. Seperti pada yang dimulai pada tahun 2008, bagii tahun 2009 juga, pendaftaran dan penyertaan sekolah/kolej telah dibuat secara atas talian melalui laman web rasmi PERSAMA: <http://www.persama.org.my>.

Pertandingan OMK 2009 diadakan pada hari Sabtu, 20 Jun 2009 jam 10:00 pagi – 12:30 tengahari (2½ jam). Ada lebih kurang 40 buah pusat pertandingan seluruh Malaysia dan pertandingan tersebut telah berlangsung serentak di seluruh Malaysia pada tarikh dan masa yang ditetapkan itu. Kebanyakan IPT terbabit sebagai pusat-pusat pertandingan seperti UKM, UM, USM, UTM, UMT, UMP, MMU dan beberapa buah UiTM di seluruh Malaysia.

Pada tahun 2009, bentuk dan cara pemarkahan soalan OMK sama seperti sejak 2007. Begitu juga kategori pertandingan:

KATEGORI BONGSU (UNTUK TINGKATAN 1 DAN 2)

Kategori Muda (untuk Tingkatan 3 dan 4)

Kategori Sulong (untuk Tingkatan 5, 6 / Matrikulasi)

Seperti beberapa tahun yang lepas, pertandingan kali ini diuruskan oleh seorang penyelaras, **Dr. Roslinda binti Mohd Nazar** yang dilakukannya bersama pasukannya di Pusat Sains Matematik UKM.

Pertandingan ini merupakan pertandingan berpasukan dengan empat orang ahli satu pasukan, dan sekaligus ia juga merupakan pertandingan individu atau perseorangan. Bagi pertandingan OMK 2009, statistik penyertaan adalah seperti berikut (dibandingkan dengan OMK2008):

Jumlah Sekolah Mengambil Bahagian	BIL. PASUKAN			Jumlah Peserta Mengambil Bahagian
	Bongsu (B)	Muda (M)	Sulong (S)	
08 09	08 09	08 09	08 09	08 09
354 357	363 404 Bil. Peserta 08 09 1452 1616	646 715 Bil. Peserta 08 09 2584 2860	854 983 Bil. Peserta 08 09 3416 3932	7452 8408

Statistik pesertanya berbanding dengan dua tahun yang lepas ialah seperti berikut.

Peringkat	2007	2008	2009
Bongsu	435 pasukan (p)	363 p	404 p
Muda	671 p	646 p	715 p
Sulung	862 p	854 p	983 p

*Satu pasukan terdiri drp 4 orang pelajar dan kebanyakan sekolah menghantar satu pasukan.

JUMLAH SEKOLAH YANG MENGAMBIL BAHAGIAN DALAM OMK 2009 IALAH 357 BUAH
BERANDING DGN 354 BUAH PADA 2008 DAN 443 BUAH PADA 2007

Bilangan penyertaan mengikut Negeri ialah seperti berikut (berbanding dengan OMK2008):

Negeri	Bil. Sek.		Bil. Pasukan						Bil. Calon	
	08	09	B		M		S		08	09
			08	09	08	09	08	09		
1. Perlis	7	5	4	3	10	9	4	10	72	88
2. Kedah	23	23	33	29	48	43	52	61	532	532
3. P.Pinang	36	34	49	45	62	69	83	120	776	936
4. Perak	35	35	27	34	61	78	106	114	776	904
5. Selangor	42	45	46	39	70	62	165	136	1124	948
6. Kuala Lumpur	40	40	32	40	68	55	99	130	796	900
7. N.Sembilan	10	17	10	12	9	27	23	42	168	324
8. Melaka	19	21	14	27	38	55	28	40	320	488
9. Johor	32	41	28	56	55	96	55	87	552	956
10. Pahang	22	23	26	36	58	75	72	80	624	764
11. Kelantan	14	5	9	7	11	6	20	7	160	80
12. Terengganu	16	12	18	15	29	15	19	10	264	160
13. Sarawak	33	40	37	39	94	92	96	111	908	968
14. Sabah	25	16	30	22	33	33	32	35	380	360
JUMLAH	354	357	363	404	646	715	854	983	7452	8408

Sebagai yang dijangkakan penyertaan OMK2009 bertambah baik, malah mengatasi bilangan OMK2007 pun.

KEPUTUSAN OMK 2009

PERINGKAT INDIVIDU / PERSEORANGAN (BONGSU)

Pertama: Tan Wan Wen dari SM Persendirian Chong Hwa, Jalan St. Thomas, Batu 3½ Off Jalan Ipoh, KL

Kedua: Leong Sheng Yuan dari SM Foon Yew, Jalan Ibrahim Sultan, Johor Bahru, Johor

Ketiga: Lee Wei Zhe dari SMJK Chung Ling Pulau Pinang, Jalan Air Itam, Pulau Pinang

PERINGKAT BERPASUKAN / BERKUMPULAN (BONGSU)

Pertama: SMJK Katholik, Petaling Jaya, Selangor yg terdiri drp H'ng Eng Ngee, Ong Shin Yin, Ong Zhong Fei dan Yap Shein Weng

Kedua: SMK USJ 12, UEP Subang Jaya, Selangor yg terdiri drp How Si Wei, How Si Yu, Lim Wei Xian dan Low Jun Keat

Ketiga: SMK Seafield, Subang Jaya, Selangor yg terdiri drp Chan Jie, Lim Syin Ju, Ng Hui Ming dan Tuen Tjun

PERINGKAT INDIVIDU / PERSEORANGAN (MUDA)

Pertama: Tham Ying Hong dari SMJK Katholik, Petaling Jaya, Selangor

Kedua: Joshua Lim Kai Tsen dari SMK Tinggi St. David, Melaka

Ketiga: Lam Yet Sin dari SMJK Sam Tet, Ipoh, Perak

PERINGKAT BERPASUKAN / BERKUMPULAN (MUDA)

Pertama: SM Persendirian Chong Hwa, Jalan St. Thomas, Batu 3½ Off Jalan Ipoh, KL yg terdiri drp Cheam Hao Cheng, Foo Ming Jeat, Lee Boon Kien dan Tan Zhi Cheng

Kedua: SM Chong Hwa, Jalan Sekolah Chong Hwa, Kluang, Johor yg terdiri drp Aw Yong Wei Li, Eng Boon Chong, Ong Lee Boon dan Teh You Kiat

Ketiga: SMJK Jit Sin, Jalan Binjai, Taman Sri Rambai, Bukit Mertajam, Pulau Pinang yang terdiri drp Gilbert Khoo Teng Sheng, Lee Kok Yao, Tan Li Hau dan Yeoh Mian En

PERINGKAT INDIVIDU / PERSEORANGAN (SULONG)

Pertama: Teo Wee Seong dari St. Francis Institution, Jln Parameswara, Melaka

Kedua: Koid Siang Lunn dari SM Persendirian Chong Hwa, Jalan St. Thomas, Batu 3½ Off Jalan Ipoh, KL

Ketiga: Tay Ki Fui dari SM Chong Hwa, Jalan Sekolah Chong Hwa, Kluang, Johor

PERINGKAT BERPASUKAN / BERKUMPULAN (SULONG)

Pertama: SMJK Jit Sin, Jalan Binjai, Taman Sri Rambai, Bukit Mertajam, Pulau Pinang yg terdiri drp Beh Wei Cieh, Koay Vichard, Lee Zhun Khang dan Ng Kuan Haw

Kedua: SM Pay Fong, Jalan Tan Chay Yan, Melaka yg terdiri drp Han Chia Ting, Hengki Setiadi, Lee Kha Liang dan Too Xiao Qing

Ketiga: SM Hin Hua, Klang, Selangor yg terdiri drp Lim Sin Yin, Ng Jun Jie, Soh Ping Wei dan Tan Jian Shun



Piala Pusingan OMK



Dr. Roslinda Mohd Nazar
Penyelaras OMK

%%%

Olimpiad Matematik Antarabangsa (OMA)/International Mathematical Olimpiad (IMO) 2009

OMA yang pertama diadakan pada tahun 1959 yang dikelolai oleh Romania dengan 7 negara pesertanya: :Migyar/Hungary, Bulgaria, Polska/Poland, Czechoslovakia, Jerman Timur dan Kesatuan Sosialis Soviet Rusia. Kini pesertanya menjangkau 90-an buah negara. Pesertanya mestilah berumur tidak lebih daripada 20 tahun dan tidak pernah mendapat pendidikan pasca-sekolah Menengah. Bahasa rasmi OMA ialah Inggeris, Jerman, Perancis dan Rusia. Namun oleh sebab begitu ramai negara pesertanya menggunakan Sepanyol maka bahasa Sepanyol menjadi bahasa “rasmi” yang tidak rasmi pula. Sejak tahun-tahun kebelakangan ini bahasa Inggeris menjadi bahasa bekerja yang dominan bagi para hakim pertandingan ini. Sementara itu bahasa soalan dalam pertandingan ini pula diterjemah ke dalam hampir setiap bahasa negara pesertanya termasuklah bahasa Melayu Indonesia (dan pernah juga bahasa Melayu Malaysia terutamanya sebelum ghairahnya pelaksanaan PPSMI dahulu)

%%%



Olimpiad Matematik Antarabangsa ke-50 (IMO2009)

(Pelapor: Arsmah Ibrahim)

IMO 2009 diadakan di Bremen, Jerman. Malangnya disebabkan oleh wabak Demam Babi, atau H satu N satu (H1N1), Malaysia tidak menghambil bahagian dalam pertandingan pada tahun tersebut.

IMO 2010 di Astana, Kazakhstan, IMO 2011 di Amsterdam dan IMO 2012 di Argentina. Maklumat lanjut boleh dirujuk di laman sesawang rasmi IMO di <http://www.imo-offical.org>

%%%

Soalan pertandingan IMO: Seperti biasa soalan disediakan dalam berbagai-bagai bahasa yang diminta oleh negara-negara berkenaan. Selain di dalam bahasa Melayu (Malaysia dan Indonesia) soalan dalam bahasa-bahasa berikut disediakan. Antaranya termasuklah:

Afrikaans, Albania, Arab, Albania, Azerbaijan, Bosnia, Bulgaria, China, Croatia, Czek, Denmark, Belanda, Inggeris, Estonia, Finland, Perancis, Georgia, Jerman, Grik, Yahudi/Ibrani, Hungaria, Aislandia, Italia, Jepun, Kazakh, Khmer, Korea, Latvia Lithuania, Makedonia, Mongolia, Norway, Persi/Farsi, Polandia, Portugis/Feringgi, Rumania, Rusia, Serbia, Singhala, Slovak, Slovenia, Sepanyol, Sweden, Thai, Turki, Ukraina, Uzbek dan Vietnam.

@@

Berita Persatuan sains matematik lain di Asia Tenggara

 Prof. Dato' Rosihan	President, South East Asian Mathematical Society (SEAMS), 2008 – 2009: Prof. Rosihan bin Mohd Ali Pusat Pengajian Sains Matematik, Universiti Sains Malaysia, 11800 USM Penang, Malaysia..rosihan@cs.usm.my Laman SEAMS: http://seams.math.nus.edu.sg/bearers.aspx
--	---

 Dr. Wanida	Mathematical Assoc. of Thailand: Presidennya, Dr. Wanida Hemakul wanida.H @ chula.ac.th Department of Mathematics, Faculty of Science Chulalongkorn University, Bangkok 10330, THAILAND	Mathematical Society of Brunei DS: Presidennya Dr. Sannay Mohamad, sannay @ fos.ubd.edu.bn
 Himpunan Matematikawan Indonesia (<i>Indonesian mathematical Society/Indo-MS</i>). President 2008-2010: Prof. Widodo widodo_math@yahoo.com Program Studi Matematika (Jurusan Matematika) Fakultas MIPA Universitas Gadjah Mada (UGM) Yogyakarta - Indonesia.		 Dr. Nemenzo Mathematical Soc. of the Philippines: Presiden 2008-2009: Dr. Fidel Nemenzo, Institute of Mathematics University of the Philippines Diliman, Quezon City, Philippines 1101 fidel@ math.upd.edu.ph
	Singapore Mathl. Soc. Presidennya, Prof. Zhu Chengbo, NUS	Vietnam Mathematical Soc. Presiden Menunggu 2008-?: Prof. Le Tuan Hoa Institute of Mathematics, Hanoi 18 Hoang Quoc Viet Road 10307 Hanoi, Vietnam lthoa@math.ac.vn Presidennya 2004-09, Prof. Dr. Do Long Van , dttung@ifi.edu.vn, dlvan@thevinh.ac.vn

DI PUNCAK MENARA GADING

UKM:

Dr. Khairuddin Omar – sains dan pengurusan sistem, dilantik sejak ? 2009



Prof. Khairuddin

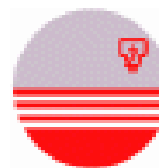
PPSM, USM	Dr. Zarita Zainuddin – matematik gunaan/terapan (Prof sejak Ogos 2009).
	

FSKTM, UTM	Dr. Siti Mariyam Shamsuddin – grafik komputer & multimedia; dilantik sejak Mac 2009
	

%%%%%%%%%

GELANGGANG AKADEMIAWAN

ADA HASIL NUKIL



Laporan Teknik / Pracetak/Memograf/Penulisan yg belum/tidak terbit 2007

Drp UDM, UIAM, UMT, UNIMAS, UNITEN dan UTP

UDM

Sn Komputer

Rasid A.b.M., Suzuri M.b.H., Isa M.b.A., Pouzi M.H. & Yazid M.b.M.S. 2007. Comparing Retrieval Efficiency Between Average Color Component and Color Histogram Techniques for Content Based Image Retrieval. *1st Post Graduate Annual Seminar on Computer Science Proceeding (PACS'2007)*, UMT, Terengganu, Malaysia.

UIAM

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- +Shamsudin A. F., Azhar M.T., Md Noon H., Mohd Suhaimi A., Ahlan A.R., Salih F. & Midden C.J.H. 2007. A development of social criteria in programming states of neural-degeneration: social criteria, social model, software implementation algorithm. *International Conference in Bioinformatics and Biotechnology (ICBioE '07)*, 8 - 10 May, Kuala Lumpur
- +Shamsudin A.F., Midden C.J.H., Azhar Md.T., Salih F., MdNoon H., Ahlan A.R. & Suhaimi M.A. 2007. Neuro-degeneration as a function of software running states in mind-machines. *ENGAGE 07*, 29 - 31 Jan 2007, Bangkok, **Thailand**
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Sn Perpustakaan...

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- +Yushiana M. & Zuraidah A.M. 2007. Ensuring Records Quality in Bibliographic Utility Networks. *International Conference on Libraries*, 31 October – 2 November, 2007, Pulau Pinang.

Pendidikan

- +Nik Suryani N. A. R., 2007. A survey on undergraduates' awareness, attitudes and awareness with respect to sexual and reproductive health. *National Conference on Sex Education INSTED*, Feb 10-11, 2007, IIUM
- +Nik Suryani N. A. R., 2007. Factors Influencing teachers' perception on teaching thinking: a case study in Kuala Lumpur, Malaysia. *4th International PGRC*, June, 2007, Bangkok, **Thailand**
- Rosnani H. 2007. Intelektualisme dalam Pengajian Islam Tinggi di Malaysia, Kertas Jemputan dibentang di *Sekolah Tinggi Agama Islam Negeri*, 10 Maret 2007, Kudus, Semarang, Indonesia,.
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Ingin mengetahui kedudukan penerbitan di Malaysia? atau Menyebar Karya Anda ke Seluruh Dunia? Lawatilah

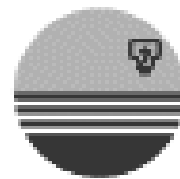
http://myais.fsktm.um.edu.my/?page=browse_author_alpha&alphabet=M

atau minta sahaja “myais” pada google. Masukkanlah karya anda ke laman ini agar hampir semua karya sarjana rakyat Malaysia dapat dicapai dengan mudahnya.

Gaya Nama Penulis Rakyat Malaysia yang dipakai di dalam laporan penerbitan/penulisan dsbnya di dalam Warkah Berita ini adalah seperti yang diterangkan di dalam WB PERSAMA 2008

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Catatan:

- Symbol ? bermakna karya tersebut belum lengkap maklumatnya
- Simbol + bernakna bahan tersebut beleum pasti diterbitkan atau tidak
- Simbol * bermakna karya tersebut jelas berkenaan Malaysia, suku kaum di Malaysia atau yang mengandungi kebudayaannya; ringkasnya karya etnosains matematik (etnomatematik, etnostatistik dsbnya)

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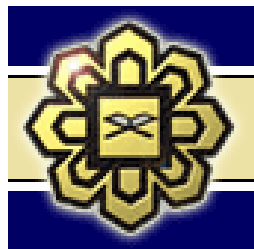
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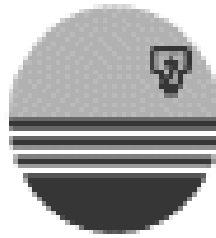
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