

## Senarai Penerbitan Tahun 2003/ *List of 2003 Publications*

### *Jurnal/ Journal*

1. Fudziah Ismail, Raed Ali Al-Khasawneh and Mohamed Suleiman (2003). Comparison of Interpolations used in Solving delay Differential Equations by Runge – Kutta Method. *International Journal of Computer Mathematics*. Vol.80, no.7:921-930.
2. Akhmad Fauzy, Noor Akma Ibrahim, Isa Daud dan Mohd. Rizam Abu Bakar (2003). Interval Estimation for Quantile on Exponential Distribution under Double Type II Censoring with Bootstrap Percentile. *Jurnal Matematika dan Ilmu Pengetahuan Alam (Journal of mathematics & Science)*. Vol.8. no.1, ISSN: 0852-4556.
3. Akhmad Fauzy, Noor Akma Ibrahim, Isa Daud dan Mohd. Rizam Abu Bakar (2003). Bonferroni Joint Confidence Intervals for Parameter Exponential Distribution under Double Type II Censoring with Bootstrap Percentile. *EKSAKTA Jurnal Ilmu-ilmu MIPA, Fakultas MIPA Universitas Islam Indonesia Yogyakarta*. Vol.5, no.1 (ISSN 1411-1047).
4. Abdul Kudus, Noor Akma Ibrahim, Isa Daud dan Mohd. Rizam Abu Bakar (2003). Pemodelan Competing Risk dengan Distribusi weibull Dua Parameter. *STATISTIKA, Forum Teori dan Aplikasi Statistika*. Vol.3, edisi khusus:1-5. ISSN 1411-5891.
5. Ahmed Hurairah, Noor Akma Ibrahim, Isa Daud and Kassim Haron (2003). On a Generalization of the Gumbel Distribution. *STATISTIKA, Forum Teori dan Aplikasi Statistika*. Vol.3, edisi khusus:7-13. ISSN 1411-5891.
6. Leong Wah June (2003). Numerical Experiment with Matric-free Storage Quasi-Newton Method. *Jurnal Matematika*.
7. Chua Yan Piaw, Sharifah Md. Nor, Naim Hj. Ahmad, Wan Zah Wan Ali (2003). Kreativiti Guru Pendidikan Seni. *Pertanika Journal of Social Science and Humanities*. Vol. 11, no.1., pp. 11-18.
8. Akhmad Fauzy, Noor Akma Ibrahim, Isa Daud dan Mohd. Rizam Abu Bakar (2003). Interval for Survivor Function on One Parameters Exponential Distribution under Multiple Type II Censoring on Complex Case with Bootstrap Percentile. *Journal of Indonesian Mathematical Society*. Vol 9. no.2:60-65 (Special Edition) ISSN 0854-1380.

### *Penerbitan Lain / Other Publications*

1. Bekbaev Ural (2002). On Invariants of Curves, Technical Report no. 1, INSPEM.
2. Adem Kilicman and Muhammad Rezal Kamel Ariffin (2002). A Note on the Convolution in the Mellin Sense with Generalized Functions. *Bulletin of the Malaysian Mathematical Sciences Society*, Vol. 25 no.2, pp.93-100.
3. M.A.K.Ariffin, A. Kilicman (2002). Mellin Transforms and Differential Equations. *Bull. Of Pure and Applied Sciences, New Delhi, India*. Vol.21(E). pp 119-133.

4. Yong Faezah A. Rahim, Fudziah Ismail, Mohamed Suleiman, Azmi Jaafar (2002). Kaedah Blok Pepenjuru Tersirat Runge-Kutta untuk Persamaan Pembezaan Peringkat Pertama. Prosiding Simposium Kebangsaan Sains Matematik ke-10, 23-24 Disember 2002, UTM Skudai Johor.
5. Zanariah Majid, Zarina Bibi Ibrahim, Mohamed Suleiman dan Fudziah Ismail (2002). Kestabilan C Dalam Kaedah Blok Multi-Langkah. Prosiding Simposium Kebangsaan Sains Matematik ke-10, 23-24 Disember 2002, UTM Skudai Johor.
6. Mahendran Shitan and Murugeson Kalliana (2002). The Spatial Distribution of Intentional Oil Spills in the Straits of Malacca. Research and Development at Universiti Putra Malaysia: Creating New Frontiers of Innovative Research.
7. Rofizah Mohammad and Mahendran Shitan (2002). Evolution of the Spatial Distribution of GDP of Asian Countries. Proceedings of the Asia Pacific Economics and Business Conference, UPM, UNIMAS and PETA. VOL.1 : 700-703.
8. Akhmad Fauzy dan Noor Akma Ibrahim (2002). Metode Bootstrap Persentil untuk Mengestimasi Interval Konfidensi Dua Parameter dari Distribusi Log-Normal. Prosiding Konferensi Nasional Matematik XI, Universitas Negeri Malang, 22-25 Julai 2002:665-668.
9. Akhmad Fauzy, Noor Akma Ibrahim, Isa Daud dan Mohd. Rizam Abu Bakar (2003). Bonferroni Confidence Interval for Two Parameters Exponential Distribution under Type II Censoring with Bootstrap Percentile Method. Berkala Ilmiah MIPA(Majalah Ilmiah Matematika dan Ilmu Pengetahuan Alam, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta. Vol.13(1). ISSN:0215-9309).
10. Mahendran Shitan, Murugeson Kalliana(2003). A Resistant Line Fit Between Zn and Co found in Ectuary and Coastal Sediment Samples from Tanjung Karang and Pulau Langkawi. Aquatic resource & environment studies of the Straits of Malacca : Managing the Straits through Science & Technology. MASDEC & JICA.
11. Mahendran Shitan(2003). A Comparison between ARFIMA Model & Regression Model with ARMA Errors for Tourist Arrivals in Malaysia. Prosiding Seminar Kebangsaan Sains pemutusan 2003. 15-16 Okt. 2003, Langkawi.
12. Noor Akma Ibrahim, Isa Daud, ling Lukman, Fauziah Maarof, Mohd. Nasir Hassan(2002). Competing Risk with Censored Data : A Simulation Study. Proceedings of the International Conference on Scientific & Engineering Computation (IC-SEC) 2002:827-829, Imperial College Press.
13. F.A.M. Elfaki, I. Daud, N. A. Ibrahim, M.Y. Abdullah and I. Lukman (2002). Competing Risk for Reliability Analysis Using Cox's Model. Proceedings of the International Conference on Scientific & Engineering Computation(IC-SEC) 2002:619-621, Imperial College Press.

14. Mahendran Shitan and Fadzilah Md. Ali (2003). A Bookstrap Simulation Study of ARMA (p,q) of Order  $p+q=3$ . Prosiding Simposium Kebangsaan Sains Matematik XI, Universiti Malaysia Sabah, Kota Kinabalu 22-24 Dis. 2003.
15. Akhmad Fauzy, Noor Akma Ibrahim, Isa Daud dan Mohd. Rizam Abu Bakar (2003). Interval Estimation for One Parameter Exponential Distribution under Multiple Type II Censoring on Simple Case with Bootstrap Percentile. Prosiding Simposium Kebangsaan Sains Matematik XI, Universiti Malaysia Sabah, Kota Kinabalu 22-24 Dis. 2003.
16. Ismail Bin Mohamad dan Yosza Dasril (2003). Kaedah Hismi-Marquardt-Yosza Bagi Penentuan Peminimuman Masalah Pengoptimuman tak Berkekangan. Prosiding Simposium Kebangsaan Sains Matematik XI, Universiti Malaysia Sabah, Kota Kinabalu 22-24 Dis. 2003.
17. Fauziah Maarof, A.H.S. Mohd. Nor (2003). Statistical Model for Credit Scoring: Application of Logistic Regression and Discriminant Analysis on Banking Data. Prosiding Simposium Kebangsaan Sains Matematik XI, Universiti Malaysia Sabah, Kota Kinabalu 22-24 Dis. 2003.
18. Abu Hassan Shaari Mohd. Nor, Fauziah Maarof, Alice Ang (2003). Ujian Perubahan Struktur dan Kemeruapan dalam Model Pelarasan Dinamik. Prosiding Simposium Kebangsaan Sains Matematik XI, Universiti Malaysia Sabah, Kota Kinabalu 22-24 Dis. 2003.
19. Muhamad Rushdan Md. Said, John Loxton, A Cubic Analog of RSA Cryptosystem, Bulletin of the Australian Mathematical Society, vol. 68,pp. 21-38(2003).
20. H. Roslan dan Y.H. Peng. Chromatic Uniqueness of Complete Bipartite Graphs with Certain Edges Deleted. Technical report no.2, January 2003.
21. Y.H. Peng and G.C. Lau. Chromatic Classess of 2-Connected (n,n+4)-Graphs With At Least Four Triangles, Technical Report No. 3, January 2003.
22. Y.H. Peng, G.C. Lau. Chromatic Classess of Two Families of 2-Connected (n, n+3)-Graphs. Technical Report No. 4, January 2003.
23. Muhammad Rezal Kamel Ariffin and Adem Kilicman. Some Properties of The Space  $E_{p,q}$  and its Dual  $E'_{p,q}$  and the Generalized Conditions for  $F(s)$  to be the Mellin Transform of Generalized Functions in  $E'_{p,q}$ . Technical Report No. 5.
24. Kamel Ariffin M. Atan and Thomas Bier. On the Solutions of A Semi Quadratic Pair of Diophantine Equations and Its Applications. Technical Report No. 6.
25. Kamel Ariffin M. Atan and Thomas Bier. On the Structure of Lifted Integer Solutions of the Congruence  $x \equiv 1 \pmod{n}$ . Technical Report No. 7.
26. Muhammad Rezal Kamel Ariffin dan Adem Kilicman. Mellin Transform and Differential Equations. Bulletin of Pure and Applied Science. Vol.21e,pp. 119-133(2002).

27. Muhammad Rezal Kamel Ariffin dan Adem Kilicman. A Note on the Convolution in The Mellin Sense With Generalized Functions. Bulletin of the Malaysian Mathematical Society.
28. Y.H. Peng and G.C. Lau. Chromatic Classes of Two Connected  $(n, n+4)$ -Graphs With At Least Three Triangles and One Induced 4-Cycle. Technical Report No. 8, Ref:8/2003.
29. H. Roslan and Y.H. Peng. Chromatic Uniqueness of Complete Bipartite Graphs with Certain Edges Deleted II. Technical report no.9, Ref:9/2003.
30. E.S. Mahmoodian, Behnaz Omoomi and Y.H. Peng. On the Defining Sets of Some Special Graphs. Technical report no.9, Ref:10/2003.
31. U.D. Bekbaev. One Generalization of Bernoulli Numbers. Technical report no.11, Ref:11/2003.
32. Siti Hasana Sapar and Kamel Ariffin M. Atan. Estimating The  $p$ -adic Sizes of Common Zeros of Partial Derivative Polynomials. Technical report no.12, Ref:12/2003.
33. H.Roslan dan Y.H. Peng,. Chromatically Unique Bipartite Graphs With Certain 3-Independent Partition Numbers. Technical report no.13, Ref:13/2003.
34. Behnaz Omoomi dan Peng Yee Hock. Chromatic Equivalence Classes of Certain Generalized Polygon Trees, II. Ars Combinatoria 68(2003). Pp.115-124.
35. Behnaz Omoomi dan Peng Yee Hock. Chromatic Equivalence Classes of Certain Generalized Polygon Trees, III. Discrete Mathematics 271(2003). pp.223-234.
36. H.Roslan and Y.H. Peng. Chromatically Unique Bipartite Graphs With Certain 3-Independent Partition Numbers, II. Technical report no.14, ref:14/2003.
37. H.Roslan dan Y.H. Peng. Chromatically Unique Bipartite Graphs With Certain 3-Independent Partition Numbers, III. Technical report no.15, ref:15/2003.
38. H.Roslan and Y.H. Peng. Chromatically Unique Bipartite Graphs With 5 or 6 edges Deleted. Technical report no.16, ref:16/2003.