

**judul artikel ilmiah/karya ilmiah/karya seni/buku yang dihasilkan
selama tiga tahun terakhir oleh dosen tetap yang bidang
keahliannya sesuai dengan PS**

No .	Judul	Nama-nama Dosen	Dihasilkan/ Dipublikasi kan pada	Tahun Penyajian / Publikasi	Tingkat*		
					Lokal	Nasio- nal	Interna- sional
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Variational Iteration Method for Euler Differential Equation	Dr. Wuryansari Muharini K., M.Si.	Proceeding of The 6 th IMT-GT International Conference on Mathematics, Statistics and Its Applications – ICMSA-2010	2010			√
2	Weakly Nonparaxial Effects on the deformation of bi-plane waves in Kerr nonlinear media	Dr. Agus Suryanto, MSc.	Konferensi Nasional Matematika XV, Universitas Negeri Manado	2010		√	
3	Numerical study of spatial soliton propagation in a triangular waveguide with nonlocal nonlinearity	Dr. Agus Suryanto, MSc.	3 rd International Conference on Mathematics and Natural Sciences, ITB, Bandung	2010			√

4	The Biharmonic Problem in Curvilinear Grids	Dr. Abdul Rouf Alghofari, M.Sc	The First International Conference on Mathematics and Statistics AUS-ICMS '10	2010			√
5	Mathematical model of the interaction between a growing tumour and cell of the innate and immune system	Dra. Trisilowati, M.Sc dan D.G. Mallet	The 54 th Annual Australian Mathematica 1 Society Conference	2010			√
6	Skema Numerik Konservatif Untuk Persamaan Schrodinger Nonlinear	Dr. Isnani Darti, S.Si	Seminar Nasional Matematika dan Pendidikan Matematika, UNMUH, Malang	2010		√	
7	Karakterisasi kelengkapan ruang metric melalui <i>set-valued</i>	Drs. Mohammad Muslikh, M.Si	Konferensi Nasional Matematika, Univ. Negeri Manado	2010		√	
8	Simulasi perambatan Soliton Pada Medium Nonlinear Bertipe Kerr Tak_lokal	Dr. Isnani Darti, S.Si	Konferensi Nasional Matematika, Univ. Negeri Manado	2010		√	
9	Estimasi Parameter Model Reaksi Enzimatis Sintesis Biodiesel Menggunakan PSO	Syaiful Anam, S.Si., M.T. ; Dr. Wuryansari Muharini K., M.Si.	Jurnal Natural B, Vol.1, No.1,	2011		√	

10	Soliton steering in a ramp waveguide with nonlocal nonlinearity	Dr.Agus Suryanto, MSc.; Isnani. Darti	J. Nonlinear Optical Physics and Materials 20 (1) hal. 33-41, ISSN 0218-8635.	2011			√
11	Dynamics of spatial soliton in a gradient refractive index waveguide with nonlocal nonlinearity	Dr.Agus Suryanto, MSc. ; I. Darti	Journal of Materials Science and Engineering 1 (2B), David Publishing, hal. 232-238, Juli 2011	2011			√
12	A conservative finite difference scheme for simulation of soliton in inhomogeneous medium with nonlocal nonlinearity	Dr.Agus Suryanto, MSc., I. Darti,Suhariningsih,Marjono,	Int. J. of Mathematics and Computation Vol. 13 (D11), 69-77, ISSN 0974-5718	2011			√
13	A Dynamically Consistent Nonstandard Numerical Scheme for Epidemic Model with Saturated Incidence Rate	Dr.Agus Suryanto, MSc.	Int. J. of Mathematics and Computation Vol. 13 (D11), 112-123, ISSN 0974-5718	2011			√

14	A Dynamically consistent numerical method for SIRS epidemic model with non-monotone incidence rate	Dr. Agus Suryanto, MSc.	The 7 th International Conference on Mathematics, Statistics and its Applications (ICMSA 2011), NIDA, Bangkok, Thailand	2011			√
15	A Conservative Nonstandard Finite Difference Scheme for SIR Epidemic Model	Dr. Agus Suryanto, MSc.	The 3 rd International Conferences and Workshops on Basic and Applied Sciences 2011, Surabaya	2011			√
16	On the Breaking of Generated Waves Running in Still Water	Dr. Wuryansari Muharini K., M.Si.	Jurnal Matematika Vol.14, No.2, hal. 51 – 58 Agustus 2011, ISSN : 1410-8518	2011		√	
17	Existence Of Global Solutions To A System Of Nonlinear Klein-Gordon Equations in three dimensional spaces	Ratno Bagus Edy Wibowo, Ph.D.	The International Conference on Basic Science (ICBS 2011)	2011			√

18	Global Existence for a System of Nonlinear Klein-Gordon Equations in Three Dimensional Spaces	Ratno Bagus Edy Wibowo, Ph.D.	International Conference on Analysis and its Applications	2011			√
19	Second Order Linear PDE in Rectangular Girds	Dr. Abdul Rouf Alghofari, M.Sc	International Conference on Analysis and its Applications	2011			√
20	Epidemik HIV/AIDS Dengan Pengaruh Kelompok Umur dan Kompetisi Internal(Anggota)	Kwardiniya Ssi,Msi.	Jurnal Natural B ISSN: 2088-4613 Vol 1 No 1	2011	√		
21	Optimasi Fugsi Multimodal Menggunakan Automated Hibrid Algoritma Genetika dan Quasi Newton BFGS	Drs. Imam Nurhadi, MT.	Jurnal TEKNIKA Vol 3 No 1	2011	√		
22	Kajian Model Long and Short Term Run Off (LST) dan Implementasinya Untuk Menghitung Debit Banjir.	Ummu Habibah Ssi, Msi.	Jurnal Cauchy Vol 1 no 4	2011	√		

23	Model Aliran Air di atas Permukaan tanah (Over Land Flow) dengan Metode Volume Hingga (Skema Beda Hingga)	Ummu Habibah Ssi, Msi.	Jurnal TEKNIKA Vol 3 No 1	2011	√		
24	Spitting Field dan Ketuggalannya Atas Polinomial Field	Corina Karim Ssi, Msi	Jurnal Cauchy Vol 1 no 4	2011	√		
25	Estimasi Harga Multi State European Call Option Menggunakan Model Binomial	Mila Kurniawaty Ssi, Msi.	Jurnal Cauchy Vol 1 no 4	2011	√		
26	Hidden Markov Model Untuk Memprediksi Profil asam Amino	Dra. Endang Wahyu H, Msi.	Jurnal Pointer Vol 3	2011	√		
27	Analisis Dinamika Epidemik HIV/AIDS Dengan Pengaruh Kelompok Umur dan Kompetisi Internal(Anggota)	Drs. Marsudi, MS	Jurnal Natural B ISSN: 2088-4613 Vol 1 No 1	2011	√		

28	Optimasi Fungsi Multimodal Menggunakan Automated Hibrid Algoritma Genetika dan Quasi Newton BFGS	Drs. Imam Nurhadi, MT.	Jurnal TEKNIKA Vol 3 No 1	2011	√		
29	Faktorisasi polynomial pada Galosis Field GFp	Dra. Ari Andari, MS.	Jurnal TEKNIKA Vol 3 No 1	2011	√		
30	An inproved model of tumour-immune system interactions	Dra. Trisilowati, M.Sc, Scott McCue dan D.G. Mallet	Proceeding of the SEAMS-GMU, International Conference on mathematics and Its Applications, Yogyakarta	2011			√
31	Estimates for the modulus of the fifth coefficient for Bazilevic function of order Alpha B, (α)	Prof. Dr. Marjono, M.Phil	Seminar International (Conference Natural Science), Univ. Machung, Malang	2011			√
32	Soliton steering in a ramp waveguide with nonlocal nonlinearity.	Dr. Agus Suryanto dan Dr. Isnani Dari	J. Nonlin. Opt. Phys. Mater. 20 (1): 33-41.	2011			√
33	Propagation of Spatial Soliton in Gaussian Waveguide with Nonlocal Nonlinearity	Dr. Agus Suryanto dan Dr. Isnani Dari	J. Mater. Scie. Engrg. 1 (2): 232-238.	2011			√

34	A conservative finite difference scheme for simulation of soliton in inhomogeneous medium with nonlocal nonlinearity	Darti I, Suhariningsih, Marjono dan Suryanto A.	Int. J. Math. Comput. 13 (D11): 69-77.	2011			√
35	A Dynamically Consistent Nonstandard Numerical Scheme for Epidemic Model with Saturated Incidence Rate.	Dr. Agus Suryanto	Int. J. Math. Comput. 13 (D11): 112-123.	2011			√
36	Tensor product of module over integral domain	Dra.Ari Andari, M.S.	Basic Science International Conference	2012			√
37	On p-non One Sided Bounded Variation Sequences and Functions	Drs.Moch. Aruman Imron, M.Si.	Basic Science International Conference	2012			√
38	Stability Analysis For The Hiv/Aids Epidemics Model With Influence Of The Age Group And Population Density	Drs. Marsudi, MS	Basic Science International Conference	2012			√
39	The Effect Of Road Characteristics On Motorcycle Accidents In Batu, East Java, Indonesia	Drs.Sobri Abusini, M.T.	Basic Science International Conference	2012			√

40	The Net Single Premium in Collective Life Insurance based on Insured Status	Dra.Endang Wahyu H. ,M.Si.	Basic Science International Conference	2012			√
41	Dynamics of spatial soliton in a gradient refractive index waveguide with nonlocal nonlinearity	Dr.Agus Suryanto, MSc., I. Darti	Int. J. Applied Mathematics and Statistics, Vol. 28 (4), hal. 23-30, 2012, ISSN: 0973-7545	2012			√
42	A Nonstandard Finite Difference Scheme for SIS Epidemic Model with Delay: Stability and Bifurcation Analysis.	Dr. Agus Suryanto	Appl. Math. 3 (6), 528-534.	2012			√
43	Stability and Bifurcation of a Discrete SIS Epidemic Model with a Delay	Dr.Agus Suryanto, MSc.	Basic Science International Conference	2012			√
44	Insilico experimental modeling of cancer treatment	Dra. Trisilowati, M.Sc dan D.G. Mallet	Journal of International Scholarly Research Network (ISRN) Oncology, Volume 2012	2012			√
45	Eksistensi Selector Terukur pada set-valued di dalam ruang Banach non-separable	Drs. Mohammad Muslikh, M.Si	Simposium Nasional Analisa Matematika dan Aplikasinya, ke V, UNSOED	2012		√	

46	Scattering problem untuk persamaan Klein-Gordon Nonlinear	Ratno Bagus Edy Wibowo, Ph.D.	Simposium Nasional Matematika Analisis, UNSOED	2012		√	
47	The Henstock-Kurzweil Integral of set-valued	Drs. Mohammad Muslikh, M.Si	International conference on Applied Analysis and Algebra, Yildiz Technical University, Istanbul, Turkey.	2012			√
48	Local existence of classical solution to the nonlinear Schrodinger equation in a weighted solution space.	Ratno Bagus Edy Wibowo, Ph.D.	International conference on Applied Analysis and Algebra, Yildiz Technical University, Istanbul, Turkey.	2012			√
49	Interpolation in Three Dimensional Space Minimizing a Functional Involving Biharmonic Operator.	Dr. Abdul Rouf Alghofari, M.Sc	International conference on Applied Analysis and Algebra, Yildiz Technical University, Istanbul, Turkey.	2012			√

50	Selektor dan <i>set-valued</i> terukur di dalam ruang Banach non separable	Drs. Mohammad Muslikh, M.Si	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		√	
51	Estimasi energi untuk persamaan gelombang nonlinear	Ratno Bagus Edy Wibowo, Ph.D	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		√	
52	Model Prediksi kecelakaan Sepeda Motor Pada Ruas Jalan Dengan Pendekatan Generalized Linear Model	Dr. Sobri Abusini, MT	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		√	
53	Skema beda hingga tak-standar untuk model epidemi dengan laju penularan tersaturasi.	Dr. Agus Suryanto	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		√	
54	Analisis Perambatan Soliton pada Medium Nonlinear Kerr Nonlokal Melalui Evolusi Nilai Eigen	Dr. Isnani Darti	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		√	
55	An Interpolation in The Unit Square	Dr. Abdul Rouf Alghofari, M.Sc	International Conference Mathematica I Science and Applications, Abu Dhabi University, UAE.	2012			√

56	Scattering Problem of NKGE related to Massive Dirac-K6E	Ratno Bagus Edy Wibowo, Ph.D	International Conference Mathematica I Science and Applications, Abu Dhabi University, UAE.	2012			√
57	On p-non One Sided Bounded variation Sequences and Functions	M.A. Imron, C.R. Indriati dan Widodo	Proceeding of 2nd basic International Conference, UB, Malang	2012			√
58	Sifat-sifat Barisan dan Fungsi dari klas p-mean Value Bounded Variation	M.A. Imron, C.R. Indriati dan Widodo	Koferensi Nasional Matematika XVI, UNPAD, Bandung	2012		√	
59	Dynamically consistent discrete epidemic model with modified saturated incidence rate.	Suryanto A , Kusumawinahyu WM, Darti I dan Yanti I.	Computational and Applied Mathematics 32 (2): 373-383.	2013		√	
60	The Effect of Road Characteristics on Motorcycle Accident in Batu East Java Indonesia	Dr. Sobri Abusini, MT	ICMMS, Malaysia	2013			√
61	A Cellular Automata Model to Investigate Immune Cell-tumour Cell Interactions in Growing Tumours in Two Spatial Dimensions.	Dra. Trisilowati, M.Sc	Basic Science International Conference, Univerisitas Brawijaya, Malang	2013			√

62	Uniform Conferegence of Trigonometric Series Under p- Supremum Bounded Variation Condition	M.A. Imron, C.R. Indriati dan Widodo	Proceeding of 3rd Annual Basic International Conference, UB, Malang	2013			√
63	Relasi Inklusi pada Klas Barisan p-Supremum Bounded Variation	M.A. Imron, C.R. Indriati dan Widodo	Jurnal Natural A, No 1, Vol 1, FMIPA, UB, Malang.	2013		√	
64	Some Properties of class of p- Supremum Bounded Variation Sequences	M.A. Imron, C.R. Indriati dan Widodo	Int. Journal of Mathe. Analysis, Vol. 7, No. 35. Hal. 1705-1713	2013			√
65	Stability analysis on a Euler discretization of a delayed SIR epidemic model with a modified saturated incidence rate	Prof. Dr. Agus Suryanto	Symomath, Bandung	2013			√
66	Stability of a Nonstandard Discretization Scheme for SIS Epidemic Model with Delay	Abdul Rouf Alghofari, Ph.D, Prof. Dr. Agus Suryanto, Dr. Wuryansari Kusumawina hyu and Dr. Endang Arisesilonin gsih	Symomath, Bandung	2013			√

67	Local Stability of a Five Dimensional Food Chain Model in the Ocean	Dr. Wuryansari Muharini K. and Muhammad Rif'An Hidayatulloh	Symomath, Bandung	2013			√
68	A nonlinear mathematical SIR epidemic model with vaccination: Stability analysis and parameter estimation	Trisilowati, Ph.D	Symomath, Bandung	2013			√
69	Stability Analysis of the Euler Discretization for SIR Epidemic Model	Prof. Dr. Agus Suryanto	The 3rd International Conference on Mathematical Sciences, Malaysia	2013			√
70	Hopf Bifurcation in Hutchinson's Equation with Distributed Delay	Dr. Isnani Darti	The 3rd International Conference on Mathematical Sciences, Malaysia	2013			√
71	Dynamically consistent discrete epidemic model with modified saturated incidence rate	A. Suryanto, W.M. Kusumawinahyu, I. Darti, I. Yanti	Computational and Applied Mathematics 32 (2): 373-383	2013			√

72	Dynamical Behaviors of a Discrete SIR Epidemic Model with Nonmonotone Incidence Rate	T. Fayeldi, A. Suryanto, A. Widodo.	Int. J. Applied Mathematics and Statistics 47 (17): 416-423	2013			√
73	Optimal Control of a Vector-Host Epidemic Model with Direct Transmissions	D.E. Mahmudah, A. Suryanto, Trisilowati	Applied Mathematica I Sciences 7 (99): 4919-4927	2013			√
74	Stability and Bifurcation Analysis of a Discrete Predator-Prey Model with Delay	R. Alawia, A. Suryanto, I. Darti	Applied Mathematica I Sciences 7 (89): 4403-4413	2013			√
75	Dynamics of Harvested Predator-Prey System with Disease in Predator and Prey in Refuge	P.I. Trisdiani, Trisilowati, A. Suryanto	International Journal of Ecological Economics and Statistics	2013			√
76	On the characterization of metric spaces completeness through set-valued mapping	M. Muslikh	International Journal of Mathematical Analysis (IJMA) 7 (30): 1479-1488	2013			√

77	Some Properties of Class of p-Supremum Bounded Variation Sequences	M.A. Imron, Ch.R. Indrati, Widodo	International Journal of Mathematica l Analysis (IJMA) 7 (35): 1703 - 1713	2013			√
78	On Uniform Convergence of Double Sine Series under Condition of p-Supremum Bounded Variation Double Sequences	M.A. Imron, Ch.R. Indrati, Widodo	International Journal of Mathematica l Analysis (IJMA) 7 (51): 2535 – 2548	2013			√
79	Dynamical analysis on a modified Leslie-Gower predator-prey model	M. K. Huda, W. M. Kusumawinahyu, A. R. Alghofari	Far East Journal of Mathematica l Sciences	2013			√
80	Hybrid Greedy – Particle Swarm Optimization – Genetic Algorithm and its Convergence to solve Multi dimensional Knapsack Problem 0-1	F. D. Tisna, A. Andari, S. Abusini	Journal of Theoretical and Applied Information Technology	2013			√
81	Logika dan Teori Himpunan	Drs. Marsudi, M.S	UB Press	2010		√	
82	Analisis Riil	Drs. Mohammad Muslikh, M.Si	UB Press	2012		√	

83	Aljabar Abstrak	Dra. Andari, M.Si	LPPM, UB	2012	√		
84	Matematika Dasar Konsep dan Aplikasinya	Drs. Imam Nurhadi P., MT	LPPM, UB	2012	√		
85	Pengantar Teori Peluang	Dra. Eandang Wahyu Handamari, M.si	LPPM, UB	2012	√		
86	Aljabar Linear	Drs. Marsudi, M.Si	LPPM, UB	2012	√		
87	Ukuran dan Integral Lebesque	Drs. Mohammad Muslikh, M.Si	UB Press	2013		√	
Jumlah					$n_c = 14$	$n_b = 18$	$n_a = 55$