

Judul artikel ilmiah/karya ilmiah/karya seni/buku yang dihasilkan selama tiga tahun terakhir (2010-2013) oleh dosen tetap yang bidang keahliannya sesuai dengan PS

No.	Judul	Nama-nama Dosen	Dihasilkan/ Dipublikasikan 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			v
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		v	
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			v
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			v
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 Mathematical Society Conference	2010			v
6	Skema Numerik Konservatif Untuk Persamaan Schrodinger Nonlinear	Dr. Isnani Darti, S.Si	Seminar Nasional Matematika dan Pendidikan Matematika, UNMUH, Malang	2010		v	
7	Karakterisasi kelengkapan ruang metric melalui <i>set-valued</i>	Drs. Mohammad Muslikh, M.Si	Konferensi Nasional Matematika, Univ. Negeri Manado	2010		v	

8	Simulasi perambatan Soliton Pada Medium Nonlinear Bertipe Kerr Tak_lokal	Dr. Isnani Darti, S.Si	Konferensi Nasional Matematika, Univ. Negeri Manado	2010		v	
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		v	
10	Soliton steering in a ramp waveguide with nonlocal nonlinearity	Dr. Agus Suryanto, MSc. ; I. Darti	J. Nonlinear Optical Physics and Materials 20 (1) hal. 33-41, ISSN 0218-8635.	2011			v
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 (2 B), David Publishing, hal. 232-238, Juli 2011	2011			v
12	A conservative finite difference scheme for simulation of soliton in inhomogeneous medium with nonlocal nonlinearity	Dr. Agus Suryanto, MSc., I. Darti, Suharinin, Marjono,	Int. J. of Mathematics and Computation Vol. 13 (D11), 69-77, ISSN 0974-5718	2011			v
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			v
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			v

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			v
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		v	
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			v
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			v
19	Second Order Linear PDE in Rectangular Girds	Dr. Abdul Rouf Alghofari, M.Sc	International Conference on Analysis and its Applications	2011			v
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	v		
21	Optimasi Fungsi Multimodal Menggunakan Automated Hibrid Algoritma Genetika dan Quasi Newton BFGS	Drs. Imam Nurhadi, MT.	Jurnal TEKNIKA Vol 3 No 1	2011	v		

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	v		
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	v		
24	Spitting Field dan Ketuggalannya Atas Polinomial Field	Corina Karim Ssi, Msi	Jurnal Cauchy Vol 1 no 4	2011	v		
25	Estimasi Harga Multi State European Call Option Menggunakan Model Binomial	Mila Kurniawaty Ssi, Msi.	Jurnal Cauchy Vol 1 no 4	2011	v		
26	Hidden Markov Model Untuk Memprediksi Profil asam Amino	Dra. Endang Wahyu H, Msi.	Jurnal Pointer Vol 3	2011	v		
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	v		
28	Optimasi Fungsi Multimodal Menggunakan Automated Hibrid Algoritma Genetika dan Quasi Newton BFGS	Drs. Imam Nurhadi, MT.	Jurnal TEKNIKA Vol 3 No 1	2011	v		
29	Faktorisasi polynomial pada Galosis Field GFp	Dra. Ari Andari, MS.	Jurnal TEKNIKA Vol 3 No 1	2011	v		

30	An improved 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			v
31	Estimates for the modulus of the fifth coefficient for Bazilevic function of order α	Prof. Dr. Marjono, M.Phil	Seminar International (Conference Natural Science), Univ. Machung, Malang	2011			v
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			v
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			v
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			v
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			v
36	Tensor product of module over integral domain	Dra.Ari Andari, M.S.	Basic Science International Conference	2012			v
37	On p-non One Sided Bounded Variation Sequences and Functions	Drs.Moch. Aruman Imron, M.Si.	Basic Science International Conference	2012			v
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			v

39	The Effect Of Road Characteristics On Motorcycle Accidents In Batu, East Java, Indonesia	Drs.Sobri Abusini, M.T.	Basic Science International Conference	2012			v
40	The Net Single Premium in Collective Life Insurance based on Insured Status	Dra.Endang Wahyu H. ,M.Si.	Basic Science International Conference	2012			v
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			v
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			v
43	Stability and Bifurcation of a Discrete SIS Epidemic Model with a Delay	Dr.Agus Suryanto, MSc.	Basic Science International Conference	2012			v
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			v
45	Maaf belum pasti, apa pak Bagus mengikuti Basic Science 2012????	Ratno Bagus, PhD	Basic Science International Conference, Univerisitas Brawijaya, Malang	2012			v
46	Eksistensi Selector Terukur pada set-valued di dalam ruang Banach non-separable	Drs. Mohammad Musliikh, M.Si	Simposium Nasional Analisa Matematika dan Aplikasinya, ke V, UNSOED	2012		v	
47	Scattering problem untuk persamaan Klein-Gordon Nonlinear	Ratno Bagus Edy Wibowo, Ph.D.	Simposium Nasional Matematika Analisis, UNSOED	2012		v	

48	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			v
49	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			v
50	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			v
51	Selektor dan <i>set-valued</i> terukur di dalam ruang Banach non separable	Ratno Bagus Edy Wibowo, Ph.D dan Drs. Mohammad Muslikh, M.Si	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		v	
52	Estimasi energi untuk persamaan gelombang nonlinear	Ratno Bagus Edy Wibowo, Ph.D	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		v	
53	Model Prediksi kecelakaan Sepeda Motor Pada Ruas Jalan Dengan Pendekatan Generalized Linear Model	Dr. Sobri Abusini, MT	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		v	
54	Skema beda hingga tak-standar untuk model epidemi dengan laju penularan tersaturasi.	Dr. Agus Suryanto	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		v	
55	Analisis Perambatan Soliton pada Medium Nonlinear Kerr Nonlokal Melalui Evolusi Nilai Eigen	Dr. Isnani Darti	Konferensi Nasional Matematika XVI, UNPAD, Bandung	2012		v	

56	An Interpolation in The Unit Square	Dr. Abdul Rouf Alghofari, M.Sc	International Conference Mathematical Science and Applications, Abu Dhabi University, UAE.	2012			v
57	Scattering Problem of NKGE related to Massive Dirac-K6E	Ratno Bagus Edy Wibowo, Ph.D	International Conference Mathematical Science and Applications, Abu Dhabi University, UAE.	2012			v
58	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			v
59	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		v	
60	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			
61	The Effect of Road Characteristics on Motorcycle Accident in Batu East Java Indonesia	Dr. Sobri Abusini, MT	ICMMS, Malaysia	2013			v
62	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, Universitas Brawijaya, Malang	2013			v
63	Uniform Convergence 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			v
64	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		v	

65	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			v
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