

Appendix 3.1.19 Ba Mathematics Research, Publications, and Community Service Record

No	Title of Research or Community Services	Author	Journal	Year
1	New Tomato Leaf Disease Classification Method Based on DenseNet121 with Bat Algorithm Hyperparameters Optimization	Syaiful Anam, Cynthia Ayu Dwi Lestari, Fidia Deny Tisna Amijaya , Hagus Tarno, and Zuraidah Fitriah	International Journal of Advances in Soft Computing and its Applications	2024
2	Application of Quadratic Programming on Portfolio Optimization using Wolfe's Method and Particle Swarm Optimization Algorithm	Syaripuddin, Fidia Deny Tisna Amijaya, Wasono, Shanaz Tulzahrah, Rara Suciati	BAREKENG: Jurnal Ilmu Matematika dan Terapan	2024
3	Pemetaan Pertumbuhan Penduduk di Kota Samarinda Melalui Pemodelan Logistik dengan Metode Adams-Bashforth-Moulton	Indriasri Raming, Adellia Septina Wirawan, Annisa Amalia Putri, Dimas Raditya Sahputra, Maria Alensia Deltin Dala, Mia Putri Avrilia	Journal of Mathematics, Computations and Statistics	2024
4	Encryption and Description of RGB Values in Images Using the Hill Chiper Algorithm	Sukma Achriadi, Hardisal, Asmaidi, M. Sulthan Hanafi	Jurnal Inovasi Teknologi dan Rekayasa (INOTERA)	2024
5	KONTROL OPTIMAL MODEL LESLIE-GOWER DENGAN PEMANENAN PADA POPULASI PREDATOR DAN PERLINDUNGAN PADA PREY	Moh Nurul Huda, Sri Wigantono, Syaripuddin, Rizal Furqan Ramadhan	Jurnal Ilmiah Matematika dan Pendidikan Matematika (JMP)	2024
6	Pelabelan Total Sisi Trimagic Super Pada Graf Calendula	Wulandari, Hardina Sandariria, Wasono	Journal of Mathematics Education and Science	2024
7	Pemodelan Sistem Antrean Pelayanan Pembayaran Pajak Kendaraan Bermotor Menggunakan Petri Net dan Aljabar Max-Plus di Samsat MT Haryono Samarinda	Sayyidah Husnul Khotimah, Qonita Qurrota A'yun, Wasono	Journal of Mathematics Education and Science	2024
8	Pelabelan Total Sisi Ajaib pada Graf Triangular Book Bt_n	Rico Dwi Cahyono, Qonita Qurrota A'yun, Wasono, Hardina Sandariria	Journal of Mathematics Education and Science	2024

9	SEIR Epidemic Model of the Spread of Tuberculosis in Samarinda City with the Addition of Vaccination Parameters	Indriasri Raming, Andi Nafa Nurfadillah, Ersya Nanda Aulia, Muhammad Rafiq	Jurnal Inovasi Teknologi dan Rekayasa (INOTERA)	2024
10	Analisis Interpolasi Inverse Distance Weighted (IDW) Dan Ordinary Kriging (OK) untuk Estimasi Volume Batubara di Area Sebuku Kalimantan Selatan	Rahma Sarita, Piter Lepong, Asmaidi Asmaidi	GEOSAINS KUTAI BASIN	2024
11	Natural Cubic Spline Method as a Method in Constructing a Life Table in Gegelang Village West Lombok	Andri Azmul Fauzi, Lalu Muhammad Ridwan, Dwi Agustini, Desi Febriani Putri, Rinancy Tumilaar, Asmaidi, Indriasri Raming	EIGEN MATHEMATICS JOURNAL	2024
12	Penerapan Pewarnaan Graf Menggunakan Algoritma Welch-Powell pada Penjadwalan Mata Pelajaran: Studi Kasus: Penjadwalan Mata Pelajaran SMP Terpadu Rea Kaltim Kembang Janggut	Monica Yeyen Yusak, Desi Febriani Putri, Syaripuddin Syaripuddin	Journal of Mathematics Education and Science	2024
13	ANALISIS DINAMIK MODEL MATEMATIKA PENYEBARAN PENYAKIT KECANDUAN GAME ONLINE DENGAN MEMPERHATIKAN FAKTOR EDUKASI	Sri Wigantono, Qonita Qurrota A'yun, Hardina Sandariria, Andrea Tri Rian Dani, Meirinda Fauziyah	MAp (Mathematics and Applications)	2024
14	PENERAPAN MODEL REGRESI SURVIVAL WEIBULL PADA DATA PASIEN PENYAKIT GINJAL	Fachrian Bimantoro Putra, Yossy Chandra, Andrea Tri Rian Dani, Sri Wigantono, Ludia Ni'matuzzahroh	MAp (Mathematics and Applications)	2024
15	Local Vertex Antimagic Total Coloring of Path Graph and Amalgamation of Path	Desi Febriani Putri, Hardina Sandariria, Wasono Wasono, Yogie Pratama Kaindi, Taradita Ayitia Meisya Fendina	CGANT JOURNAL OF MATHEMATICS AND APPLICATIONS	2024
16	Transformasi Wavelet Diskrit Daubechies Fungsi Soft Thresholding untuk Prediksi Data Inflasi di	Mohammad Reyfi Syahnaz Anugrah, Ika Purnamasari, Qonita Qurrota A'yun	VARIANSI: Journal of Statistics and Its application on	2024

	Indonesia		Teaching and Research	
17	Pelatihan Latex untuk Meningkatkan Kemampuan Menulis Dokumen dan Soal Matematika Bagi Guru Tingkat SMA/MA Kota Samarinda	Hardina Sandariria, Syaripuddin, Qonita Qurrota A'yun, Asmaidi, Moh Nurul Huda, Fidia Deny Tisna Amijaya, Wasono, Sri Wigantono, Desi Febriani Putri, Indriasri Raming, Raka Putra Pridiptama, Taqriri Kamal Mulyadi, Itsar Manggiri, Wulandari	Journal of Research Applications in Community Service	2024
18	Edukasi Penanaman dan Penguatan Sikap Toleransi Beragama pada Remaja di Desa Kelayu	Andri Azmul Fauzi, Rizqa Inayati, Rinancy Tumilar	Diakoneo: Journal of Community Service	2024
19	Pendampingan siswa dalam pembelajaran matematika dengan memanfaatkan media pembelajaran permainan ular tangga di SMP Negeri 42 Samarinda	Indriasri Raming, Syaripuddin Syaripuddin, Fidia Deny Tisna Amijaya, Qonita Qurrota A'yun, Desi Febriani Putri, Sri Wigantono, Rinancy Tumilaar, Andri Azmul Fauzi, Wasono Wasono, Asmaidi Asmaidi, Hardina Sandariria, Rabbiatul Adawiyah, Auliya Rahman, Melati Elvita, Dimas Raditya, Said Said	Jurnal Selaparang (Jurnal Pengabdian Masyarakat Berkemajuan)	2024
20	Pengenalan Penggunaan Latex Beamer dalam Pembuatan Media Pembelajaran Bagi Guru-Guru Matematika SMA/MA di Samarinda	Andri Azmul Fauzi, Wasono, Asmaidi, Hardina Sandariria, Rinancy Tumilaar, Syaripuddin, Qonita Qurrota A'yun, Fidia Deny Tisna Amijaya, Indriasri Raming, Desi Febriani Putri, Sri Wigantono, Rafika Husnia Munfaati, Dimas	Journal of Research Applications in Community Service	2024

		Raditya Sahputra, Aldy Fradana Mahaputra Cahyadi, Esse Aminah, Maria Alensia Deltin Dala, Annisa Amalia Putri		
--	--	--	--	--