



UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG

Faculty of Science and Technology

**Undergraduate Mathematics Study Program**

Jl. Gajayana No. 50 Malang 65144 Phone/ Fax (+62341) 558933

Website: <http://matematika.uin-malang.ac.id>, e-mail: [matematika@uin-malang.ac.id](mailto:matematika@uin-malang.ac.id)

**STAFF HANDBOOK**

Name	Mohammad Jamhuri, M.Si		
Post	Major: Applied Mathematics		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Islam Negeri Maulana Malik Ibrahim	
	Post Doctoral	-	-
	Doctoral Degree	Institut Teknologi Sepuluh Nopember (ITS), Indonesia	ongoing
	Master Degree	Institut Teknologi Sepuluh Nopember (ITS), Indonesia	
	Undergraduate Degree	Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia	
Employment	Position	Employer	Period
	Instructor	Universitas Islam Negeri Maulana Malik Ibrahim	
	Assistant Professor	Universitas Islam Negeri Maulana Malik Ibrahim	
	Associate Professor	-	-
	Full Professor	-	-
Research and development projects over the last 5 years	1. Funder: UIN Maulana Malik Ibrahim Malang research grant (Coomunity Development) Title: <i>Perencanaan Pengadaan Sanitasi Lingkungan di Taman Nasional Bromo Tengger Semeru dengan Pendekatan Sanitasi Total Berbasis Masyarakat</i> Period: 2019 Amount of financing: IDR 30,000,000		
Industry collaborations over the last 5 years	Project title: - Partners: -		
Patents and proprietary rights	Title	Year	
	-	-	
	-	-	
Important publications over the last 5 years	Thahiruddin, M., & <b>Jamhuri, M.</b> (2023). Penyelesaian Numerik Model Pemangsa-Mangsa dengan Metode Jaringan Fungsi Radial Basis Menggunakan Trigonometric Shape Parameter. <i>Jurnal Arjuna: Publikasi Ilmu Pendidikan, Bahasa Dan Matematika</i> , 1(4), 248–263. <a href="https://doi.org/10.61132/arjuna.v1i4.135">https://doi.org/10.61132/arjuna.v1i4.135</a>		
	Kusumastuti, A., <b>Jamhuri, M.</b> , Firdaus, D., & Hidayati, N. A. (2023). The Construction of Mathematical Model for the Mechanism of Protein Synthesis Involving mTORC1 from the		

	<p>AMPK Pathway. IJCSAM (International Journal of Computing Science and Applied Mathematics), 9(1), 21–26. <a href="https://doi.org/10.12962/j24775401.v9i1.14351">https://doi.org/10.12962/j24775401.v9i1.14351</a></p>		
	<p>Irawan, M. I., &amp; <b>Jamhuri, M.</b> (2022). State of the art of machine learning: An overview of the past, current, and the future research trends in the era of quantum computing. AIP Conference Proceedings, 2641(1). <a href="https://doi.org/10.1063/5.0131848">https://doi.org/10.1063/5.0131848</a></p>		
	<p><b>Jamhuri, M.</b>, Mukhlash, I., &amp; Irawan, M. I. (2022). Performance Improvement of Logistic Regression for Binary Classification by Gauss-Newton Method. Proceedings of the 2022 5th International Conference on Mathematics and Statistics, 12–16. <a href="https://doi.org/10.1145/3545839.3545842">https://doi.org/10.1145/3545839.3545842</a></p>		
	<p>Muhammad, I., Mukhlash, I., <b>Jamhuri, M.</b>, Iqbal, M., &amp; Irawan, M. I. (2022). Classification of Covid-19 Variants Using Boosting Algorithm. 2022 9th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI), 29–34. <a href="https://doi.org/10.23919/EECSI56542.2022.9946452">https://doi.org/10.23919/EECSI56542.2022.9946452</a></p>		
	<p><b>Jamhuri, M.</b>, Irawan, M. I., &amp; Mukhlash, I. (2021). Similarity Analysis of User Trajectories Based on Haversine Distance and Needleman Wunsch Algorithm. Elkawnie: Journal of Islamic Science and Technology, 7(2), 263. <a href="https://doi.org/10.22373/ekw.v7i2.9232">https://doi.org/10.22373/ekw.v7i2.9232</a></p>		
	<p><b>Jamhuri, M.</b>, &amp; Subiono, S. (2021). Penentuan Nilai Awal Iterasi pada Masalah Pendugaan Parameter Regresi Taklinier. Limits: Journal of Mathematics and Its Applications, 18(2), 155–167. <a href="https://doi.org/10.12962/limits.v18i2.8297">https://doi.org/10.12962/limits.v18i2.8297</a></p>		
	<p>Kusumastuti, A., <b>Jamhuri, M.</b>, &amp; Hidayati, N. A. (2019). Analytical solution of the string vibration model on Sasando musical instrument. Journal of Physics: Conference Series, 1321(2). <a href="https://doi.org/10.1088/1742-6596/1321/2/022088">https://doi.org/10.1088/1742-6596/1321/2/022088</a></p>		
<p>Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i></p>	Organization	Role	Period