



UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG

Faculty of Science and Technology

## Undergraduate Mathematics Study Program

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### STAFF HANDBOOK

Name	Prof. Dr. Turmudi, M.Si., Ph.D		
Post	Major: Mathematics Education		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Islam Negeri Maulana Malik Ibrahim	
	Doctoral Degree	Universiti Pendidikan Sultan Idris (UPSI) Malaysia	2017
		Universitas Negeri Malang (UM), Indonesia	2016
	Master Degree	Universitas Muhammadiyah Malang (UMM), Indonesia	1997
Undergraduate Degree	Universitas Negeri Malang (UM), Indonesia (IKIP Malang)	1981	
Employment	Position	Employer	Period
	Instructor	Universitas Islam Negeri Maulana Malik Ibrahim	
	Assistant Professor	Universitas Islam Negeri Maulana Malik Ibrahim	
	Associate Professor	Universitas Islam Negeri Maulana Malik Ibrahim	1/3/2021 – 1/10/2022
	Full Professor	Universitas Islam Negeri Maulana Malik Ibrahim	1/10/2022 – present
Research and development projects over the last 5 years	1. Funder: UIN Maulana Malik Ibrahim Malang research grant Title: <i>Penyusunan E-Book dan E-Learning untuk Meningkatkan Pembelajaran Berbasis Teknologi Pada Kelompok Kerja Madrasah Kabupaten Tulungagung</i> Period: 2019 Amount of financing: IDR 30,000,000		
	2. Funder: UIN Maulana Malik Ibrahim Malang research grant Title: <i>Pengembangan Model Pembelajaran Thinking Maps Melalui Pemecahan Masalah Berbasis HOTS untuk Meningkatkan Profesional Mengajar Guru Matematika Se-Malang Raya</i> Period: 2020 Amount of financing: IDR 40,000,000		
	3. Funder: UIN Maulana Malik Ibrahim Malang research grant Title: <i>Eksplorasi Konsep Matematika dan Budaya Daerah di Jawa Timur untuk Mendesain Pembelajaran MBKM Prodi Matematika UIN Malang</i> Period: 2022 Amount of financing: IDR 30,000,000		

	4. Funder: UIN Maulana Malik Ibrahim Malang research grant Title: Paradigma Baru Pembelajaran Matematika Berbasis Skafolding Metakognitif Period: 2023 Amount of financing: IDR 20,000,000	
Industry collaborations over the last 5 years	Project title: - Partners: -	
Patents and proprietary rights	Title	Year
	<i>Visualisasi Pencarian Solusi Sistem Persamaan Linear Dua dan Tiga Variabel</i>	2020
	<i>Visualisasi dan Penyelesaian Pemrograman Linear dengan Metode Grafik</i>	2020
Important publications over the last 5 years	Thoyyibah, R., Harini, S., <b>Turmudi, T.</b> , Susanti, E., Anggraini, E., Afandi, M. I., & Fariha, N. F. (2023). Pengujian model regresi logistik pengaruh lingkungan keluarga, motivasi, dan minat terhadap hasil belajar matematika. <i>LINEAR: Journal of Mathematics Education</i> , 4(1), 1–10. <a href="https://doi.org/10.32332/linear.v4i1.6301">https://doi.org/10.32332/linear.v4i1.6301</a>	
	Hadi, H. S., Susanti, E., & <b>Turmudi, T.</b> (2022). Struktur Berpikir Siswa Terhadap Kesalahan Membaca Berdasarkan Teori Newman dalam Menyelesaikan Masalah Matematika Melalui Defragmentasi. <i>Jurnal Cendekia: Jurnal Pendidikan Matematika</i> , 6(3), 3326–3341. <a href="https://doi.org/10.31004/CENDEKIA.V6I3.1813">https://doi.org/10.31004/CENDEKIA.V6I3.1813</a>	
	Hendrawati, N. E., Susanti, E., & <b>Turmudi, T.</b> (2021). Proses Pemecahan Masalah Siswa Menengah Pertama dalam Menyelesaikan Masalah Lingkaran. <i>Jurnal Tadris Matematika</i> , 4(1), 59–76. <a href="https://doi.org/10.21274/JTM.2021.4.1.59-76">https://doi.org/10.21274/JTM.2021.4.1.59-76</a>	
	Supiarmo, M. G., Mardhiyahirrahmah, L., & <b>Turmudi, T.</b> (2021). Pemberian Scaffolding untuk Memperbaiki Proses Berpikir Komputasional Siswa dalam Memecahkan Masalah Matematika. <i>Jurnal Cendekia : Jurnal Pendidikan Matematika</i> , 5(1), 368–382. <a href="https://doi.org/10.31004/CENDEKIA.V5I1.516">https://doi.org/10.31004/CENDEKIA.V5I1.516</a>	
	Supiarmo, M. G., <b>Turmudi, T.</b> , & Susanti, E. (2021). Proses berpikir komputasional siswa dalam menyelesaikan soal pisa konten change and relationship berdasarkan self-regulated learning. <i>Numeracy</i> , 8(1), 58–72. <a href="https://doi.org/10.46244/numeracy.v8i1.1378">https://doi.org/10.46244/numeracy.v8i1.1378</a>	
	Susanti, E., Ulum, M. M., <b>Turmudi, T.</b> , & Maskub, M. (2021). The Model of Ethnomathematics for High Schools Based on the Dancers Position Movement of Beskalan Putri Malang Dance. <i>Proceedings of the International Conference on Engineering, Technology and Social Science (ICONETOS 2020)</i> , 529, 167–174. <a href="https://doi.org/10.2991/ASSEHR.K.210421.024">https://doi.org/10.2991/ASSEHR.K.210421.024</a>	
	<b>Turmudi, T.</b> , Susanti, E., Rosikhoh, D., & Marhayati, M. (2021). Ethnomathematics: Mathematical Concept in the Local Game of Tong Tong Galitong Ji for High School. <i>Participatory Educational Research</i> , 8(1), 219–231. <a href="https://doi.org/10.17275/PER.21.12.8.1">https://doi.org/10.17275/PER.21.12.8.1</a>	
	Susanti, E., Sholikin, N. W., Marhayati, M., & <b>Turmudi, T.</b> (2020). Designing culturally-rich local games for mathematics learning. <i>Beta: Jurnal Tadris Matematika</i> , 13(1), 49–60. <a href="https://doi.org/10.20414/BETAJTM.V13I1.354">https://doi.org/10.20414/BETAJTM.V13I1.354</a>	
	Susanti, E., Turmudi, T., Jauhari, M. N., Harini, S., Lubab, A., & Rizqiyah, A. (2020). Efektivitas E-Learning terhadap Kemampuan Koneksi Matematis Siswa di Kelompok Kerja	

	<p>Madrasah Tsanawiyah Kabupaten Tulungagung. Jurnal Tadris Matematika, 3(1), 13–20. <a href="https://doi.org/10.21274/JTM.2020.3.1.13-20">https://doi.org/10.21274/JTM.2020.3.1.13-20</a></p>		
	<p><b>Turmudi, T., &amp; Susanti, E.</b> (2020). Productive Connective Thinking Scheme in Mathematical Problem Solving. <i>Pertanika Journal of Social Sciences and Humanities</i>, 28(1), 293–308. <a href="http://www.pertanika.upm.edu.my/pjssh/browse/regular-issue?article=JSSH-5401-2019">http://www.pertanika.upm.edu.my/pjssh/browse/regular-issue?article=JSSH-5401-2019</a></p>		
	<p><b>Turmudi, T., &amp; Maulida, A.</b> (2019). Effect of The Learning Aproach of Realistic Mathematics Education on Problem Solving and Mathematics Communications Effectivity. <i>Proceedings of the 6th International Conference on Community Development (ICCD 2019)</i>, 677–681. <a href="https://doi.org/https://doi.org/10.2991/iccd-19.2019.178">https://doi.org/https://doi.org/10.2991/iccd-19.2019.178</a></p>		
	<p><b>Turmudi, T., Susanti, E., Abdussakir, A., &amp; Tajudin, N. M.</b> (2019). Effect of the teaching and learning mathematics strategy based on metacognitive scaffolding on instructional efficiency. <i>Journal of Physics: Conference Series</i>, 1375(1), 12003. <a href="https://doi.org/10.1088/1742-6596/1375/1/012003">https://doi.org/10.1088/1742-6596/1375/1/012003</a></p>		
<p>Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i></p>	<p>Organization</p>	<p>Role</p>	<p>Period</p>