



STAFF HANDBOOK

Name	Yudhi		
Post	Differential Equations		
Academic career			
	Initial academic appointment	Institution	Year
	Master's degree (Math)	ITB	2015
	Undergraduate degree (Math)	UNTAN	2011
Employment	Position Assistant Professor 2022-now		
Research and development projects over the last 5 years	Name of project or research focus: ~ Optimal Solution of Second Order Nonlinear Ordinary Differential Equations using Optimization Techniques Period and any other information: ~ April – November 2023 Partners, if applicable: Amount of financing : ~ IDR 23,000,000,00		
Industry collaborations over the last 5 years	Project title: - Partners: -		
Patents and proprietary rights	Title Year		
Important publications over the last 5 years	Selected recent publications from a total of approx 1. Fadhilah, N., Prihandono, B., & Yudhi, Y. (2023). Modifikasi Metode Big-M dan Analisis Sensitivitasnya untuk Optimasi Produksi Usaha Kecil Menengah. <i>Euler: Jurnal Ilmiah Matematika, Sains dan Teknologi</i>, 11(2), 293-305. 2. Irvandi, F. S., Debatara, N. N, Yudhi, Y. (2023). Pemodelan M-Adaptive Generalized Poisson Regression Spline Pada Kasus MDR-TB di Kalimantan Barat. <i>Jurnal Derivat: Jurnal Matematika dan Pendidikan Matematika</i> 10 (2). 3. Kiftiah, M., & Yudhi, Y. (2023). Fixed Point Theorems for Kannan and Chatterjea Mappings on Complex-Valued Modular Metric Spaces. <i>EduMatSains: Jurnal Pendidikan, Matematika, dan Sains</i>, 7(2), 363-373. 4. Agustian, U., Noviani, E., Yudhi, Y. (2023) Rekonstruksi Batas Permukaan Fluida Menggunakan Metode Volume Of Fluid. <i>Jurnal Matematika Integratif</i> 19 (1), 109-123. 5. Prihandono, B., Kiftiah, M., & Yudhi, Y. (2022). Existence and		



	Uniqueness in the Linearised One and Two-dimensional Problem of Partial Differential Equations with Variational Method. <i>Jurnal Matematika UNAND</i>, 11(3), 141-158. 6. Desi, F.N., Noviani, E., Yudhi, Y. (2021). Kontrol Optimal Menggunakan Prinsip Minimum Pontryagin Pada Model Penyebaran Penyakit Tuberkulosis di Kalimantan Barat. <i>Jurnal Matematika UNAND</i> 10 (3), 236-247. 7. Kiftiah, M., & Yudhi, Y. (2021). Alternative Method for Solving Euler Cauchy Equation. <i>Jurnal Barekeng</i>, 15(1) 8. Yudhi, Y., Noviani, E., Aljona, S.(2021). Solusi Persamaan Emden-fowler Orde Dua dengan Memanfaatkan Matriks Operasional dari Polinomial Bernstein. <i>BAREKENG: Jurnal Ilmu Matematika dan Terapan</i> 15 (2), 335-346.		
Activities in specialist bodies over the last 5 years			
	Organisation	Role	Period
	Indonesian Mathematical Society (IndoMS)	Member	2022 - 2024