



STAFF HANDBOOK

Name	Bayu Prihandono		
Post	Dynamical System, Fluid Mechanics, Fuzzy Logic		
Academic career			
	Initial academic appointment	Institution	Year
	Doctorate (Math)	Université de Poitiers	2021
	Master's degree (Math)	UGM	2009
	Undergraduate degree (Math)	UGM	2004
Employment	Position Assistant Professor 2009-now		
Research and development projects over the last 5 years	Name of project or research focus: ~ Mathematical modeling for the spread of dengue fever Period and any other information: ~ April – November 2024 Partners, if applicable: ~ Mathematics Departement Universitas Indonesia. Amount of financing (in total 2018 - 2024): ~ IDR 35,000,000,00		
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. Febriyanti, R., Prihandono, B., & Kiftiah, M. (2023). Analisis Dinamik Model SIRC pada Transmisi Hepatitis B dengan Sirosis Hati. <i>Euler: Jurnal Ilmiah Matematika, Sains dan Teknologi</i>, 11(2), 248-261. 2. 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. 3. 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. 4. Prihandono, B. (2021). <i>Linear analysis of the steady water waves flow over an obstacle in the single and multi-layer model</i> (Doctoral dissertation, Université de Poitiers).		



Activities in specialist bodies over the last 5 years			
	Organisation	Role	Period
	Indonesian Mathematical Society (IndoMS)	Member	2022 - 2024