



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Department of Mathematics

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STAFF HANDBOOK

Name	<i>Sumardi</i>		
Post	<i>Differential Equation, Computational Mathematics</i>		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>
	<i>Doctorate (Math)</i>	<i>Universitas Gadjah Mada Indonesia</i>	<i>2012</i>
	<i>Master's degree(Math)</i>	<i>Institut Teknologi Bandung Indonesia</i>	<i>1998</i>
	<i>Undergraduate degree (Math)</i>	<i>Universitas Gadjah Mada Indonesia</i>	<i>1993</i>
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	<i>Associate Professor</i>	<i>UGM</i>	<i>2009-Now</i>
Research and development projects over the last 5 years	<i>Research Project : " Konstruksi Metode Runge-Kutta dengan Jaringan Saraf Tiruan "</i>		
	<i>Period : April-Nopember 2022</i>		
	<i>Amount of financing : Rp. 15.000.000,00</i>		
	<i>Research Project : "Simulasi dam break waduk dengan model persamaan Gelombang air dangkal dimensi dua dengan metode Lax-Wendroff"</i>		
	<i>Period : April-Oktober 2021</i>		
	<i>Amount of financing : Rp. 15.000.000,00</i>		
	<i>Name Project : Simulasi Dinamika Gelombang Pantai Dengan Kajian Model Gelombang Pecah Dan Tsunami</i>		
	<i>Period : 2018 – 2020</i>		
	<i>Amount of Financing : IDR 230.000.000.00</i>		
Industry collaborations over the last 5 years	<i>Project title</i>		
	<i>Partners</i>		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. 19</i>		
	<i>S Latif, Sumardi, I Solekhuudin, A Suparwanto, 2021, Solving Ordinary and Partial Differential Equation Using Legendre Neural Network DDY2 Method, Engineering Letters 29 (3)</i>		



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	<p><i>M Munadi, I Solekhuudin, S Sumardi, A Zulijanto, 2020, A numerical study of steady infiltration from a single irrigation channel with an impermeable soil layer, Engineering Letters 28(3), pp. 1-8</i></p> <p><i>Sumardi, I Solekhuudin, A Suparwanto, 2019, Capturing Multi-Valued Solutions Of Shallow Water Equation By Level Set Method, Far East Journal of Mathematical Sciences (FJMS), 111(1), pp. 0972-0871</i></p>						
Activities in specialist bodies over the last 5 years	<table><thead><tr><th><i>Organisation</i></th><th><i>Role</i></th><th><i>Period</i></th></tr></thead><tbody><tr><td colspan="3"><i>Membership without a specific role need not be mentioned</i></td></tr></tbody></table>	<i>Organisation</i>	<i>Role</i>	<i>Period</i>	<i>Membership without a specific role need not be mentioned</i>		
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