



# UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Mathematics Department

Sekip Utara Bulaksumur Yogyakarta 55281 Telp: +62 274 552243 Fax: +62 274 555131 Email: [math@ugm.ac.id](mailto:math@ugm.ac.id) Website: [matematika.fmipa.ugm.ac.id](http://matematika.fmipa.ugm.ac.id)

Undergraduate Program in Mathematics

Telp : +62 274 552243

Email : [maths1@ugm.ac.id](mailto:maths1@ugm.ac.id); [kaprodi-s1-matematika.mipa@ugm.ac.id](mailto:kaprodi-s1-matematika.mipa@ugm.ac.id)  
[sekprodi-s1-matematika.mipa@ugm.ac.id](mailto:sekprodi-s1-matematika.mipa@ugm.ac.id)

Website : <http://s1math.fmipa.ugm.ac.id/>

## STAFF HANDBOOK

Name	Dr. Sumardi, M.Si		
Position	Differential Equation, Computational Mathematics		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Gadjah Mada	1993
	Post Doctoral	-	-
	Doctoral Degree	Universitas Gadjah Mada Indonesia	2012
	Master Degree	Institut Teknologi Bandung Indonesia	1998
	Undergraduate Degree	Universitas Gadjah Mada Indonesia	1993
Employment		Employer	Period
	Tenaga Pengajar (Assistant)	Universitas Gadjah Mada	1-12-1995 – 1-7-1999
	Instructor	Universitas Gadjah Mada	1-7-1999 – 1-10-2003
	Assistant Professor	Universitas Gadjah Mada	1-10-2003 – 1-10-2009
	Associate Professor	Universitas Gadjah Mada	1-10-2009 – present
	Full Professor		
Research and development projects over the last 5 years	<p>Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada            Research Project : “Aplikasi Metode Level Set untuk Persamaan Gelombang Air Dangkal”            Period : May-Oct 2013            Amount of financing : IDR. 10.000.000</p> <p>Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada            Research Project : “Aplikasi Metode Level Set untuk Persamaan Gelombang Pantai ”            Period : May-Oct 2014            Amount of financing : IDR. 10.000.000</p> <p>Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada            Research Project : “Aplikasi Metode Level Set pada Pengolahan Citra”            Period : March-August 2015</p>		

	<p>Amount of financing : IDR. 10.000.000</p> <p>Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada  Research Project : “Segmentasi Citra dengan Variasional”  Period : May-Oct 2016  Amount of financing : IDR. 15.000.000</p> <p><i>Name Project : Numerical Methods for Infiltration from Periodic Irrigation Channels with Absorption by Plant Roots (member)</i>  <i>Period : 2016 – 2018</i>  <i>Amount of Financing : IDR 600.000.000</i></p>		
Industry collaborations over the last 5 years	<p>Project title :  Lokakarya Aplikasi Model Matematika pada Fisika dan Kimia untuk Guru-guru Matematika SMA/SMK di Kota Yogyakarta</p> <p>Partners: DIKNAS Kota Yogyakarta</p>		
Patents and proprietary rights	Title		Year
Important publications over the last 5 years	Selected recent publications form a total of approx.		
	Supama, A. Zulijanto, I. Solekhuudin and <b>Sumardi</b> C*-Module Banach Spaces, <i>Journal of Analysis and Applications</i> , 2016		
	<b>Sumardi</b> , Soeparna D., Lina Aryati, Frits van Beckum, Level-set-like Method for computing multivalued solutions to nonlinear two channels dissipation model, <i>Proceedings of the 6th SEAMS-GMU International Conference on Mathematics and its Applications</i> , Yogyakarta-Indonesia, 12th-15th July 2011		
	<b>Sumardi</b> , Soeparna D., Lina Aryati, Frits van Beckum, A Numerical Method for Nonlinear Two Channels Dissipation Model Based On Their Characteristics, <i>Proceeding of 4th Lampung, ICOMS 2009</i>		
Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>	Organization	Role	Period