



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Department of Mathematics

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STAFF HANDBOOK

Name	<i>Budi Surodjo</i>		
Post	<i>Algebra, Number Theory</i>		
Academic career	<i>Initial Academic Appointment</i>	<i>Institution</i>	<i>Year</i>
	<i>Doctoral Degree</i>	<i>Universitas Gadjah Mada</i>	<i>2006</i>
	<i>Master Degree</i>	<i>Institut Teknologi Bandung</i>	<i>1995</i>
	<i>Undergraduate Degree</i>	<i>Universitas Gadjah Mada</i>	<i>1990</i>
Employment	<i>Lecturer</i>	<i>UGM</i>	<i>1991-Now</i>
Research and development projects over the last 5 years	Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada Research Project : “Struktur Subring Deret Pangkat Tergeneralisasi Sebagai Perluasan Matriks Berindeks Monoid ” (Structures of a subring of a Generalized Power Series as an Expansion of a Monoid Indexed Matrix) Period : May-Oct 2020 Amount of financing : IDR. 15.000.0000		
Industry collaborations over the last 5 years	Project title : Kompetisi Sains Nasional bidang Mathematics (National Science Competition in Mathematics), and IMO Team Partners: BPTI (Balai Pengembangan Talenta Indonesia), Pusat Prestasi Nasional (Puspresnas), Indonesia		
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
	Published book: “ Dasar-Dasar Teori Semigrup ” Author: Budi Surodjo , Yeni Susanti Application number and date : EC00202005709, February 10, 2020	<i>2020</i>	



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	Published book: “Dasar-Dasar Teori Semigrup” Author: Budi Surodjo, Yeni Susanti Application number and date : EC00202005709, February 10, 2020 Registration Number: 000178852 Copyright Holder: Direktorat Penelitian UGM	2020
<i>Important publications over the last 5 years</i>	<i>Selected recent publications from a total of approx.</i>	
	Septriana., YA, Wijayanti, IE, Surodjo, B., and Sari, D.K., 2023, <i>On topological M-injective modules</i> , Topology and its Applications, Vol. 334, pp. 108539	
	Hijriati, N., Wijayanti, IE, Surodjo, B., Wahyuni, S., Munandar., A, 2023, <i>A Module Theory Approach on Generalization of Maschke Theorem and Schur's Lemma in Representation Theory.</i> , Southeast Asian Bulletin of Mathematics, Vol. 47, pp	
	Niken NP, Wijayanti, I.E, and Surodjo B., <i>The Necessary and Sufficient Conditions of R-Coalgebra $e \rightarrow C \leftarrow e$</i> , 2022, Journal of The Indonesian Math. Society, pp. 215-2020	
	Fitriani , Wijayanti, I.E., Surodjo, B., Wahyuni, S., and Faisol, A., 2021, <i>Category of Submodules of a Uniserial Module</i> , Journal of Mathematics and Statistics, Vol. 9(5), pp. 744 – 748	
	Puspita, N.P., Wijayanti, I.E., and Surodjo, B., <i>Clean Coalgebras and Clean Comodules of Finitely Generated Projective Modules</i> , 2021, Journal of Algebra and Discrete Mathematics, Volume 31 (2021). Number 2, pp.251-260,	
	Fitriani , Wijayanti, I.E., Surodjo, B., and Faisol, A., <i>The Rank of Uv-Generated Modules</i> , 2021, Journal of Mathematics Research, Vol.13, No.4, pp. 81-84	
	Puspita, N.P., Wijayanti, I.E., and Surodjo, B., <i>Graded Modules as a Clean Comodule</i> , 2020, Journal of Mathematics Research; Vol. 12, No. 6, pp. 66-72	
	Faisol, A., Surodjo, B., and Wahyuni, S., 2019, <i>The Sufficient Conditions for $R[X]$-module $M[X]$ to be $S[X]$-Noetherian</i> , European Journal of Mathematical Sciences Vol. 5, No. 1, 2019, 1-13	



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	Faisal, A., Surodjo, B., and Wahyuni, S., 2019, <i>T[[S]]-Notherian Property on Generalized Power Series Modules</i> , JP Journal of Algebra, Number Theory and Applications, Volume 43, Number 1, pp.1-12
Activities in specialist bodies over the last 5 years	