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STAFF HANDBOOK

Name	Christiana Rini Indrati			
Post	Major: Analysis (Theory of Integral, Functional Analysis, and Fuzzy Theory) Minor: Applied Mathematics (Theory of Optimization and Applied Analysis in Theory of Differential Equations)			
Academic Career		Institution	Year	
	Initial Academic Appointment	Universitas Gadjah Mada	1990	
	Post Doctoral	-	-	
	Doctoral Degree	Universitas Gadjah Mada	2002	
	Master Degree	Universitas Gadjah Mada	1995	
	Undergraduate Degree	Universitas Gadjah Mada	1989	
Employment		Position	Employer	Period
		Tenaga Pengajar (Assistance)	Universitas Gadjah Mada	1 - 3 - 1991 – 31 - 12 - 1995
		Instructor	Universitas Gadjah Mada	1 - 1 - 1996 – 31 - 1 - 2002
		Assistant Professor	Universitas Gadjah Mada	1 - 2 - 2002 – 30 - 11 - 2006
		Associate Professor	Universitas Gadjah Mada	1 - 12 - 2006 – 31 - 8 - 2015
	Full Professor	Universitas Gadjah Mada	- 9 - 2015 – present.	
Research and development projects over the last 5 years	<ol style="list-style-type: none"> Name of project or research focus: Hibah Postdoc (October 2022 – June 2023) Period and any other information: 9 months Amount of financing: IDR.75,000,000. Name of project or research focus: DIKS FMIPA (2018 - 2022) Period and any other information: 6 months Amount of financing: IDR.15,000,000 each year. Name of project or research focus: PDUPT (2018 - 2019) (member) Partners, if applicable: Dr. Diah Junia Eksi Palupi, M.S. (Chair) and Dr. Sutopo, M.S. Name of project or research focus: PDUPT (2018 - 2019) (member) Partners, if applicable: Prof. Dr. Widodo, M.S. (Chair), Dr. Isnaini Rosyida, M.Si., and Dr.Diari Indriati, M.Si. Amount of financing: IDR.65,000,000. Name of project or research focus: Hibah Kompetensi Period and any other information: 2016 – 2017 Partners, if applicable: Dr. rer. nat. Lina Aryati, M.S. Amount of financing: IDR.100,000,000 for the first year (2016). Amount of financing: IDR.10,000,000. 			

Industry collaborations over the last 5 years	Project title : - Partners: -	
Patents and proprietary rights	Title	Year
	-	-
	-	-
Important publications over the last 5 years	Isnaini Rosyida, Ch. Rini Indrati, and Sunny Joseph Kalayathankal, AMethod Based on Picture Fuzzy Graph Coloring for Determining Traffic Signal Phasing on an Intersectio , Lecture Notes in Networks and Systems, Intelligent and Fuzzy Systems, Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference, Volume 1, 978-3-031-39774-5 (eBook), INFUS 2023, LNNS 758, pp. 293–303, 2023. https://doi.org/10.1007/978-3-031-39774-5_36	
	Christiana Rini Indrati, Fixed-Point Theorems Involving Lipschitz in the Small, Hindawi, Abstract and Applied Analysis, Volume 2023, Article ID 5236150, 5 pages https://doi.org/10.1155/2023/5236150	
	Supriyadi Wibowo, Christiana Rini Indrati, Soeparmi, Cari, The Relationship $Lip_F^\alpha([a, b])$ and $BV_F^\alpha([a, b])$, AIP Conference Proceedings 2540 , 080031 (2023); https://doi.org/10.1063/5.0112358 , Published Online: 27 January 2023.	
	Risky Yoga Suratman and Christiana Rini Indrati, Regularized quasi semigroups , AIP Conference Proceedings 2668 , 050009 (2022); https://doi.org/10.1063/5.0112850 Published Online: 11 October 2022	
	Supriyadi Wibowo, Christiana Rini Indrati, Soeparmi, Cari, The Relationship Between a Fractal F^α-absolutely Continuous Function and a Fractal Bounded p-variation Function , <i>Advances in Engineering Research, volume 211</i> , International Conference on Science and Engineering (ICSE-UIN-SUKA 2021), 2021.	
	Sutrima , Christiana Rini Indrati, and Lina Aryati, Strongly continuous quasi semigroups in optimal control, problems for non-autonomous systems , Asian-European Journal of Mathematics, Vol. 14, No. 7 (2021) 2150123 (13 pages), ©World Scientific Publishing Company	
	Seng Hansun, Vincent Charles, Tatiana Gherman, Subanar, and Christiana Rini Indrati, A tuned Holt-Winters white-box model for COVID-19 prediction, <i>Int. J. Management and Decision Making, Vol. 20, No. 3, 2021</i> , April 7, 2021.	
	Sutrima , Christiana Rini Indrati, and Lina Aryati, Contraction Quasi Semigroups and Their Applications in Decomposing Hilbert Spaces, Azerbaijan Journal of Mathematics, V. 10, No 1, 2020, January, ISSN 2218-6816, January 2020.	
	Sutrima , Christiana Rini Indrati, and Lina Aryati, Strongly continuous quasi semigroups in optimal control problems for non-autonomous systems, <u>Asian-European Journal of Mathematics</u> , September 2020.	
	I Rosyida ¹ , Widodo, CR Indrati, and D Indriati, Algorithms to determine fuzzy chromatic number of cartesian product and join of fuzzy graphs, J. Phys.: Conf. Ser. 1489 012005 doi:10.1088/1742-6596/1489/1/012005, March 2020	
	Ch. Rini Indrati, The Relationship between the Kunugi Integral and the Countably Lipschitz Integral, SEAMS Proceeding, November 2019.	
	Mufti Al Ummam and Ch. Rini Indrati, The Basic Properties and Some Convergence Theorems Of The DL-Integral, SEAMS Proceeding, Nopember 2019.	
Seng Hansun, Vincent Charles, Christiana Rini Indrati, Subanar, Revisiting the Holt-Winters' Additive Method for Better Forecasting, International Journal of Enterprise Information Systems. Volume 15 • Issue 2 • April-June 2019.		
Isnaini Rosyida, Widodo, Ch. Rini Indrati and Diari Indriati, On Fuzzy Chromatic Number of Cartesian Product of Some Fuzzy Graphs and Its Application, Advances and		

	Applications in Discrete Mathematics , Volume 20, Number 2, 2019, Pages 237-252, © 2019 Pushpa Publishing House, Prayagraj, India.		
	Sutrima Sutrima , Christiana Rini Indrati, and Lina Aryati, Exact Null Controllability, Stabilizability, and Detectability of Linear Nonautonomous Control Systems: A Quasisemigroup Approach, Hindawi Abstract and Applied Analysis, Volume 2018.		
	Sutrima , Christiana Rini Indrati, and Lina Aryati, <u>Controllability and Observability of Nonautonomous Riesz-Spectral Systems</u> , Hindawi, Abstract and Applied Analysis, Volume 2018.		
	Sutrima , Christiana Rini Indrati, and Lina Aryati, Polynomial Dichotomy of C_0 -Quasi Semigroups In Banach Spaces, The Australian Journal of Mathematical Analysis and Applications, AJMAA, Volume 15 , Issue 2, Article 7, pp. 1-13, 2018.		
	Sutrima , Christiana Rini Indrati, and Lina Aryati, Complete stabilizability and stability radius of time-varying Sturm-Liouville systems, IOP Conf. Series: Journal of Physics: Conf. Series 1097 (2018),		
	Sutrima , Christiana Rini Indrati, and Lina Aryati, Transfer Function, Stabilizability, and Detectability, of Non-Autonomous Riesz-spectral Systems, TELKOMNIKA , Vol.16, No.6, December 2018, pp. 3024–3033, ISSN: 1693-6930, accredited First Grade by Kemenristekdikti, Decree No: 21/E/KPT/2018, DOI: 10.12928/TELKOMNIKA.v16i6.10112.		
	I Rosyida, J Peng, L Chen, W Widodo, CR Indrati, KA Sugeng, An uncertain chromatic number of an uncertain graph based on α -cut coloring, Fuzzy Optimization and Decision Making, 17 (1), 103-123, 2018		
	Christiana Rini Indrati, and Lina Aryati, Initial Value Problems with Countably Lipschitz Condition, Far East Journal of Mathematical Sciences (FJMS) , © 2018 Pushpa Publishing House, Allahabad, India, Volume 103, Number 9, 2018, Pages 1477-1491 ISSN: 0972-0871		
	Sutrima ; Ch.Rini Indrati, and Lina Aryati, Stability of C_0 -quasi semigroups in Banach spaces, IOP Conf. Series: Journal of Physics: Conf. Series 943 (2017) 012021 doi :10.1088/1742-6596/943/1/012021.		
	Ch. Rini Indrati and Lina Aryati, The Strong Version of the Countably Lipschitz Integral Global Journal of Pure and Applied Mathematics. Volume 13, Number 12 (2017), pp. 8335–8342, ISSN 0973-1768, © Research India Publications.		
	Sutrima , Ch. Rini Indrati, Lina Aryati, and Mardiyana, The fundamental properties of quasi-semigroups, IOP Conf. Series: Journal of Physics: Conf. Series 855 (2017) 012052 doi :10.1088/1742-6596/855/1/012052, pp. 1 – 11.		
	Ch. Rini Indrati and Lina Aryati, The Countably Lipschitz Integral, <i>Global Journal of Pure and Applied Mathematics</i> , Volume 12, Number 5 (2016), pp. 3991-3999. ISSN 0973-1768		
	Made Tantrawan and Ch. Rini Indrati, Bounded Baire Function and the Henstock-Stieltjes Integral, Proceeding Th 6 th SEAMS-UGM 2015, published in 2016.		
	Rosyida, I. , Widodo, Indrati, C.R., Sugeng, K.A., A New Approach for Fetermining Fuzzy Chromatic Number of Fuzzy Graph, Journal of Inyelligent and Fuzzy Systems (JFIS), DOI: 10.3233/IFS-141521, 2016		
Activities in specialist bodies over the last 5 years (Membership without a specific role need not be	Organization	Role	Period
	1. Indonesian Mathematical Society (IndoMS)	Vice President of Foreign Affair	2008 – 2012
		Executive Editor of JIMS (Journal of the Indonesian Mathematical Society)	2010 – Maret 2017
		Team of IndoMS for Undergraduate Curriculum Reccomendation	August 6, 2021 – December 31, 2021

<i>mentioned)</i>	2. Mathematical Review (Mathreview) USA	Overview of the published paper.	2014 – Present
	3. Kamindo – Indonesian Mathematical Analysis Community	Chair	December 2021 - Present