



**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,  
RISET DAN TEKNOLOGI  
UNIVERSITAS NEGERI JAKARTA  
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**  
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<b>Name</b>	<b>Puspita Sari, S.Pd., M.Sc.</b>
<b>Position</b>	Lecturer in Mathematics Education
<b>Education Background</b>	<ul style="list-style-type: none"><li>• Doctoral Degree, Mathematics Education, National Institute of Education, NTU, Singapore, 2020 – now</li><li>• Master's Degree, Mathematics Education, Freudenthal Institute, Utrecht University, The Netherlands, 2006 – 2008.</li><li>• Bachelor's Degree, Mathematics Education, Universitas Negeri Jakarta, 2000 – 2004.</li></ul>
<b>Employment</b>	Lecturer, Undergraduate Program in Mathematics Education– Faculty of Mathematics and Natural Sciences, Universitas Negeri Jakarta, 2009 – now
<b>Research and Development project over the last 5years</b>	<ul style="list-style-type: none"><li>• Design Research: Addition and Subtraction of Integers Using Neutralization Models on Number Lines, 2018</li><li>• Two-Color Number Card Game with Neutralization Models on Number Lines in Learning the Operations of Addition and Subtraction of Integers, 2019</li></ul>



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<b>Industry Collaboration/ Community Service Over the Last 5 Years</b>	<ul style="list-style-type: none"> <li>• Training on Improving the Quality of Learning Mathematics through PMRI Implementation Guidance for Elementary School Teachers in Bekasi District, 2018.</li> <li>• Speakers at the MGMP SMP Mathematics Teachers' Workshop, Duren Sawit District, 2018.</li> <li>• Speakers at the North Jakarta Region MGMP Junior High School mathematics teacher workshop, 2018.</li> <li>• Training on Improving the Quality of Mathematics Learning through PMRI Application Development and Lesson Study for Elementary School Teachers in Depok City, 2019.</li> </ul>
<b>Patents and Proprietary Rights</b>	<ul style="list-style-type: none"> <li>• Basic Introduction to Mathematics (Book)</li> <li>• Research Report 2018: Design Research: Addition and Subtraction of Integers Using Models Neutralization on Number Lines.</li> <li>• Research Report 2017: Logarithmic Differentiation Methods in Determining Derivatives of Functions</li> <li>• Teaching aids: BULE – APPEM (Hills and Valleys – Mathematics Learning Teaching Aids)</li> <li>• Student's book: Student's Book for Addition and Subtraction of Positive and Negative Integers with Hills &amp; Valleys Teaching Aids</li> </ul>
<b>Important Publication Over the Last 5 Years</b>	<ul style="list-style-type: none"> <li>• Jurnal Nasional JRPIPM: Sari, P., (2018). Analisis Strategi Mahasiswa dalam Menentukan Turunan Fungsi dengan Metode Diferensiasi Logaritmik (<i>Analysis of Student Strategies in Determining Derivative Functions with the Logarithmic Differentiation Method</i>). JRPIPM. Vol. 2 (2018, no. 1 1-14). Jurnal Riset Pendidikan dan Inovasi Pembelajaran Matematika. ISSN: 2581-0480</li> <li>• Proceeding International: P.Sari, S.Purwanto, M.N.Hajizah (2019).The 'Neutralization on a Number Line' (NNL) Model for Integer Addition and Subtraction. In Y. Rahmawati &amp; P. Taylor (Eds.), Empowering Science and Mathematics for Global Competitiveness (pp. 495–504). London: CRC Press. Retrieved from <a href="https://www.taylorfrancis.com/books/9780429461903">https://www.taylorfrancis.com/books/9780429461903</a></li> <li>• International Journal Scopus: Sari, P., Hajizah, M.N., &amp; Purwanto, S. (2020). The neutralization on an empty number line model for integer additions and subtractions: Is it helpful?. Journal on Mathematics Education, 11(1), 1-16. <a href="http://doi.org/10.22342/jme.11.1.9781.1-16">http://doi.org/10.22342/jme.11.1.9781.1-16</a></li> <li>• Proceeding International: Sari, P., Jaguthsing, D. (2021). 'Counting up' Strategy as an Alternative to Solve Subtraction Problems with Regrouping. AIP Conference Proceedings 2331, 020018 (2021); <a href="https://doi.org/10.1063/5.0041719">https://doi.org/10.1063/5.0041719</a></li> <li>• International Journal Scopus: Sari, P., &amp; Ng, S.F. (2022). Exploring quantitative relationship through area conservation</li> </ul>



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	activity. Journal on Mathematics Education, 13(1), 31-50. <a href="http://doi.org/10.22342/jme.v13i1.pp31-50">http://doi.org/10.22342/jme.v13i1.pp31-50</a>						
<b>Activities in Specialist Bodies Over The Last 5 Years</b>	<table border="1"><thead><tr><th style="background-color: #c8e6c9;">Organization</th><th style="background-color: #c8e6c9;">Role</th><th style="background-color: #c8e6c9;">Period</th></tr></thead><tbody><tr><td>Himpunan Matematika Indonesia (IndoMS)</td><td>Member</td><td>2020-2022</td></tr></tbody></table>	Organization	Role	Period	Himpunan Matematika Indonesia (IndoMS)	Member	2020-2022
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