

Jurnal Math Educator Nusantara

Wahana publikasi karya tulis ilmiah di bidang pendidikan matematika

ISSN : 2459-9735

Volume 8 Number 2

Page 91 – 201

November 2022

Published twice a year in May and November, it contains articles based on the results of research and critical-analytical studies in the field of mathematics education.

Editorial Board

Editor in Chief

Jatmiko, M.Pd (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Section Editors

Dr. Darmadi, M.Pd (Prodi Pendidikan Matematika, Univeritas PGRI Madiun)

Dr. Lina Rihatul Hima, S.Si., M.Pd (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Drs. Samijo, M.Pd (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Drs. Darsono, M.Kom (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Murniati (Prodi Pendidikan Matematika, Universitas Cokroaminoto Palopo)

Ratna Yulis Tyaningsih, M.Pd (Prodi Pendidikan Matematika, Universitas Mataram)

Murniati, M.Pd (Prodi Pendidikan Matematika, Universitas Cokroaminoto Palopo)

Dona Ningrum Mawadi, M.Pd (Prodi Pendidikan Matematika, STKIP PGRI Lumbuklinggau)

Ika Santia, M.Pd (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Dian Devita Yohanie, M.Pd (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Mitra Bestari & Reviewers

Prof. Dr. Wahyu Widada, M.Pd (Universitas Negeri Bengkulu)

Dr. Jackson Pasini Mairing M.Pd (Universitas Parangkaraya)

Dr. Imam Sujadi, M.Si (UNS Surakarta)

Dr. Suryo Widodo, M.Pd (Universitas Nusantara PGRI Kediri)

Dr. Feny Rita Fiantika, M.Pd (Universitas PGRI Adibuan Surabaya)

Dr. Khomsatun Ni'mah, M.Pd (Universitas Siliwangi)

Dr. Aprilia Dwi Handayani, S.Pd., M.Si (Universitas Nusantara PGRI Kediri)

Dr. Aan Nurfahrudianto, M.Pd (Universitas Nusantara PGRI Kediri)

Dr. Erif Ahdhianto, M.Pd (Universitas Negeri Malang)

Dr. Muniri, M.Pd (IAIN Tulungagung)

Dr. Irma Ayuwanti, M.Pd (Universitas Nahdlatul Ulama Lampung)

Dr. Lalu Muhammad Fauzi, M.Pd (Universitas Hamzanwadi, Nusa Tenggara Barat)

Eka Zuliana, M.Pd (Universitas Muria Kudus)

Jurnal Math Educator Nusantara

Wahana publikasi karya tulis ilmiah di bidang pendidikan matematika

ISSN : 2459-9735

Volume 8 Number 2

Page 91 – 201

November 2022

Tubagus Pamungkas, S.Si., M.Sc. (Universitas Riau Kepulauan Batam)

Swasti Maharani, M.Pd (Universitas PGRI Madiun)

Wawan, M.Pd (Institut Agama Islam Ma'arif NU Metro)

Eka Fitria Ningsih, M.Pd (Institut Agama Islam Ma'arif NU Metro)

Rahayu Sri Waskitonetyas, M.Pd (Universitas Balikpapan)

Puput Suriyah, M.Pd (IKIP PGRI Bojonegoro)

Nurul Farida, M.Pd. (Universitas Muhammadiyah Metro)

Siti Khoiruli Ummah, M.Pd (Universitas Muhammadiyah Malang)

Restu Lusiana, M.Pd. (Universitas PGRI Madiun)

Copy Editor & Proofreader

Dr. Bambang Agus Sulistiono, M.Si (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Yuni Katminingsih, M.Pd (Prodi Pendidikan Matematika, Universitas Nusantara PGRI Kediri)

Jurnal Math Educator Nusantara (JMEN) : Wahana publikasi karya tulis ilmiah di bidang pendidikan matematika published Department of Mathematics Education, Universitas Nusantara PGRI Kediri. Jalan KH Achmad Dahlan No 76 Kediri.

Alamat Web: <http://ojs.unpkediri.ac.id/index.php/matematika>

Email address: jme.nusantara@unpkediri.ac.id

Jurnal Math Educator Nusantara (JMEN): Wahana publikasi karya tulis ilmiah di bidang pendidikan matematika, containing the results of research and scientific studies from lecturers, teachers, students, practitioners, and observers of mathematics education from various universities and educational institutions in Indonesia.



Jurnal Math Educator Nusantara: Wahana Publikasi Karya Tulis Ilmiah di Bidang Pendidikan Matematika is Licensed Under a [Creative Commons Attribution 4.0 Internasional License](#)

Jurnal Math Educator Nusantara

Wahana publikasi karya tulis ilmiah di bidang pendidikan matematika

ISSN : 2459-9735

Volume 8 Number 2

Page 91 – 201

November 2022

TABLE OF CONTENTS

Contents	Halaman
Editorial Board	i – ii
Table Of Content	iii – iv
Title	
<u>Tik-tok application: Development of mathematics learning media for lines and series materials to increase learning interest of high school students</u>	91-106
Annisa Nurina Vidyastuti, Mohammad Mahfud Effendi, Rani Darmayanti	
 https://doi.org/10.29407/jmen.v8i2.18267	
<u>Trial And Validation Of Etnobatic Applications As A Media Mathematics Learning Based On Android</u>	107-117
Mei Lestari, Wanti Rahayu, Ari Irawan	
 https://doi.org/10.29407/jmen.v8i2.18378	
<u>Critical Thinking Skills in Phlegmatic Students Using Learning Videos</u>	119-133
Fitria Sulistyowati, Septi Hartanti, Sri Adi Widodo, Flora Grace Putrianti	
 https://doi.org/10.29407/jmen.v8i2.18874	
<u>The spatial reasoning of junior high school student in solving spatial problems in terms of brain dominance</u>	134-146
Muhammad Ridho Fantriadi, Restu Lusiana, Indra Puji Astuti	
 https://doi.org/10.29407/jmen.v8i2.18494	
<u>Development inovatif statistic e-modul based multiple representation</u>	147-154
Ika Santia, Aprillia Dwi Handayani, Lina Rihatul Hima, Aan Nurfahrudianto	
 https://doi.org/10.29407/jmen.v8i2.18664	
<u>Realistic mathematics education: Building mathematical conceptions in sasak culture</u>	155-167
Lalu Muhammad Fauzi, Muhammad Gazali, Asri Fauzi, Zaotul Wardi, Neny Endriana	
 https://doi.org/10.29407/jmen.v8i2.18885	

Jurnal Math Educator Nusantara

Wahana publikasi karya tulis ilmiah di bidang pendidikan matematika

ISSN : 2459-9735

Volume 8 Number 2

Page 91 – 201

November 2022

Contents

Halaman

[Students' creative thinking capability in hots exam based on basic math competency](#)

168-188

Amelania Dewi, Isnaeni Umi Machromah



<https://doi.org/10.29407/jmen.v8i2.17779>

[Analysis of Student Errors in Solving Problems with Positive and Negative Integers](#)

189-201

Dwi Wirda Lastari, Kartini Kartini



<https://doi.org/10.29407/jmen.v8i2.18308>



Jurnal Math Educator Nusantara: Wahana Publikasi Karya Tulis Ilmiah di Bidang Pendidikan Matematika is Licensed Under a [Creative Commons Attribution 4.0 Internasional License](#)