

Kreano

Jurnal Matematika Kreatif-Inovatif

Volume 12(2)

2021, December

Visit the page:

<https://journal.unnes.ac.id/nju/index.php/kreano/issue/view/1343>

DOI Address:

<https://doi.org/10.15294/kreano.v12i2>

General Topic:

Mathematics learning and its problem

Learning from elementary school to college

ISSN by PDII-LIPI,

p-ISSN. No. 2086-2334 (Print)

e-ISSN. No. 2442-4218 (Online)

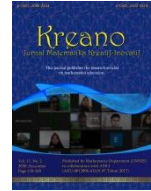
Published by

Mathematics Department of UNNES

(UNNES JOURNAL as Online Publisher)

In collaboration with AMLI

2021



Preface

Assalamu 'alaikum wr.wb.

Dear readers of the Jurnal Kreano,

Kreano, Jurnal Matematika Kreatif-Inovatif, Vol. 12 (2), December 2021 is here to greet loyal readers, academics who have a young spirit in serving, storing, criticizing, and providing solutions to every phenomenon that occurs in learning mathematics through steps the scientific.

The pandemic did not stop researchers from continuing to work. The creativity of the researchers emerged as the field demanded innovation in the practice of learning mathematics in schools. Higher education has a strong role, where innovations emerge as solutions to mathematics learning problems. Various innovative media have emerged because of the need for hybrid learning. This online learning, in some discussions, is strongly suspected to continue, even after the pandemic ends.

We hope that the quality of national education continues to improve in line with the new policies issued by the government and the academic climate. Hopefully the Kreano Journal together with article writers and readers can be part of the process of improving the quality of national education.

Happy reading!

Wassalamu 'alaikum wr.wb.

Semarang, December, 1st 2021
Chief of Editor

Isnarto, Dr.

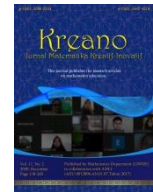


Table of Content

| | |
|--|---------|
| Title | i |
| Preface | iii |
| Table of Content | v |
| | |
| 17. Development of Mathematical Logic Practicum Module Based on PhET Simulation to Improve Students' Reasoning Ability. Iwit Prihatin, Dwi Oktaviana | 189-199 |
| 18. Development of LKS With a STEM Approach that Supports The Mathematical Communication Skills of SMP Students. Novaliyosi, Etika Khaerunnisa, Mufidatun Khasanah | 200-211 |
| 19. Supporting 7th Grade Students' Understanding of Angles using Central Java Traditional House. Hartono, Farida Nursyahidah | 212-226 |
| 20. Synchronous and Asynchronous Setting in Online Learning to Increase Vocational Students' Motivation in Mathematics: Comparative Studies. A. Putrawan, Dewinta Ayuni, R. Apsari | 227-237 |
| 21. The Development of Jateng Gayeng Monopoly Media: Learn Unit Conversion by Loving Culture. Bella Ayu Permatasari, Erlina Prihatnani | 238-251 |
| 22. Microsoft Form as a Scaffolding-Based Geometry Learning Media in Online Learning. Zukhrufurrohmah, Mayang Dintarini | 252-263 |
| 23. Learning Motivation, Self-Regulated Learning, And Mathematical Communication Skills Verbal And Written By Students' In Learning Mathematics During The Covid-19 Pandemic. Dodi Efriyadi, Nurhanurawati | 264-275 |
| 24. Mathematical Reasoning Ability of Junior High School Students Through Problem Based Learning Model with Ethnomathematical Nuance. Erni Maidiyah, Nadia Anwar, Mailizar Mailizar, Bintang Zaura, Suryawati, Fahlida Harnita | 276-287 |
| 25. Exploration of Relational Thinking Skills Using Problem Solving of Geometry Transformation. Sahrul Ramadhan, Moh Mahfud Effendi, Siti Khoiruli Ummah | 288-301 |
| 26. Students' Truth-Seeking Behaviour in Solving Problems with No Specified Universal Set Given. Mira Rahmawati, Dian Kurniati, Dinawati Trapsilasiwi, Sharifah Osman | 302-311 |
| 27. Development E-Book Learning Media Based on Kvisoft Flipbook Maker. Ahmad Fadillah, Dian Nopitasari, Westi Bilda | 312-322 |
| 28. Problem Solving Ability Considered by Self Confidence in Digital Media Assisted Online Learning. Risma Astutiani, Isnarto | 323-334 |
| 29. Analysis of Critical Thinking Ability in Solving Linear Programming Problems in terms of Students' Self-Concepts. Dwi Permatasari, Nurhanurawati | 335-352 |
| 30. The Effectiveness of e-Learning, Learning Styles, Prior Knowledge, and Internet Self Efficacy in Business Mathematics Courses. Yunia Mulyani Azis, Meiti Leatemia | 353-364 |
| 31. Development of E-Comic-Based Mathematics Teaching Materials on the Topic of Multiplication and Division with Realistic Mathematics Education (RME) Approach. Nurbaiti Widyasari, Anisa Nurcahyani | 365-375 |
| | |
| Author Index | x |
| Manuscript Template..... | xii |
| Subscription Page | xvi |