

KEEFEKTIFAN PEMBELAJARAN MATEMATIKA DENGAN BANTUAN GEOGEBRA PADA MATERI GARIS KELAS VII SMP NEGERI 2 LIMPUNG

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Abstract	<p>One of the external obstacles of students is the learning media used by teachers. Learning achievement will be more developed if students actively participate in learning activities. This study aims to improve mathematics learning achievement at line material. The methodology used in this study is an experimental research methodology. The subjects of this study were 7th class students of SMP Negeri 2 Limpung with class VII A as the experimental group and class VII B as the control group. The results showed that the mathematics learning model assisted by Geogebra at line material is effective to be used, this was seen from the completeness of learning outcomes, the influence of reasoning and communication skills to learning achievement with a regression equation = $36,203 + 0,591x$ and a coefficient of determination is 68.7%. Mathematical learning strategies by Geogebra are also better than learning mathematics without Geogebra. Thus Geogebra-assisted learning on line material can be used as an alternative method of learning in order to add the variety of teaching methods in an effort to train students' reasoning and communication skills and increase student learning outcomes..</p>
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