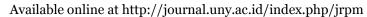


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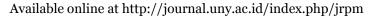
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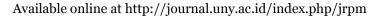
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# PETUNJUK PENULISAN NASKAH JURNAL RISET PENDIDIKAN MATEMATIKA (VERSI TEMPLATE 2016) ← 11 TNR BOLD MAKSIMAL 14 KATA

### Heri Retnawati <sup>1</sup> \*, Ariyadi Wijaya <sup>2</sup> ← 11 pt bold

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#### **Abstract**

Abstract english version, written using Time New Roman-11, italic. Abstract contains research aim/purpose, method, and reseach results; written in 1 paragraph, single space among rows, using past tense sentences.

**Keywords**: one or more word(s) or phrase(s), that it's important, specific, or representative for the article.

#### INTRODUCTION

This section contains the background of the study, the rationale and/or the urgency of the study. References (literatures and relevant studies) should be stated in relation to the justification toward the urgency of the study, the occurrence of the problem in the study, the alternative solutions and the selected solutions. The manner of stating the sources in the text must show the name of the author and the source citation clearly, which refers to the year of issuance or publication and the page where the related texts exist. For example: ... The results of the study showed that more than 70% of the students had not been able to recognize the authentic problems ... (Retnawati, 2014, p.6).

The degree of advancement within the materials that have been the reference should be given attention by viewing the proportion of the last 10 years and by looking at the primary literature. The problems, the objectives and the benefits of the study should be typed narratively in the form of paragraphs and the researcher does not need to provide any special subsections. Similarly, the operational definition

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Heri Retnawati, Ariyadi Wijaya

the quantitative study) should be elaborated clearly in the section. The researcher should also write the subject selection technique (for the qualitative study) and/or the sampling technique (for the quantitative study).

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Furthermore, the meaning of the data and the connection between the data, the problems of the study and the objectives of the study should be elaborated in this section.

(Note: The subtitles might be different according to the type or the approach of the study that had been implemented. If there were sequential steps or procedures then the steps or the procedures might be provided with the notation (number or letter) according to the position.)

#### RESULTS AND DISCUSSIONS

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2.	JRPM_Author	Author
3.	JRPM_AbstractBody	Abstract
4.	JRPM_AbstractTitle	Abstract Title
5.	JRPM_AbstractKeyword	Keyword
6.	JRPM_Heading 1	Subtitle 1
7.	JRPM_Body	Paragraph
8.	JRPM_Picture Capture	Figure Title
9.	JRPM_Table Capture	Table Title
10.	JRPM_Reference	List of References
	And more	

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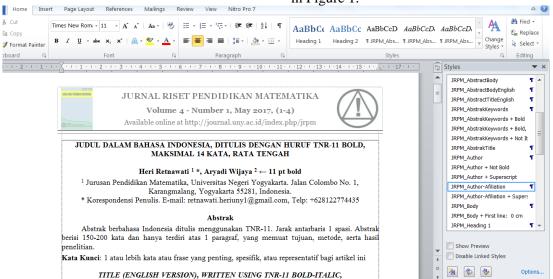


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- Effendi, S. (1982). Unsur-unsur penelitian ilmiah. Dalam Masri Singarimbun (Ed.). *Metode penelitian survei*. Jakarta: LP3ES.
- Daniel, W.W. (1980). *Statistika nonparametrik terapan*. (Terjemahan Tri Kuntjoro). Jakarta: Gramedia.
- Suyanto, S (2009). Keberhasilan sekolah dalam ujian nasional ditinjau dari organisasi belajar. *Disertasi*, tidak dipublikasikan. Universitas Negeri Jakarta.
- Pritchard, P.E. (1992). Studies on the breadimproving mechanism of fungal alphaamylase. *Journal of Biological Education*, 26 (1), 14-17.
- Retnawati, H. (2014). *Teori respon butir dan* penerapannya. Yogyakarta: Nuha Medika.
- Rahmawati, U., & Suryanto, S. (2014).

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#### AUTHOR GUIDELINES

- 1. Manuscript accepted is written in standard English Language or Indonesian language
- 2. The length of the manuscript is approximately 15 pages (or approximately 7000 words), written in Times New Roman 11, A4 paper format, margins: top 3; left 3; right 2; bottom 2, two columns (except for abstract, figure or table whose size cannot be reduced due to its readability), justified, single-spaced.
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