

Physikos Journal of Physics and Physics Education



Write Your Journal Title in The Section Here Using Capital Letters at The Beginning of The Word

Write the name of the first author¹, the second author^{2□}, and so on, here^{3,4}

¹Write down the affiliation of the first author in full, including address, postal code and country ²Write down the affiliation of the second author in full, including address, postal code and country ¹Write down the affiliation of the third author in full, including address, postal code and country

Write the corresponding author's e-mail address

Abstract

Abstract describes briefly the entire series of studies and their findings and implications. Abstracts are written in Indonesian and English.

Keywords: Keywords 1; Keywords 2; Keywords 3; Keywords 4; Keywords 5

1. Introduction

The introduction is written clearly using relevant references in the form of theoretical studies and / or research results. Citations must be written using the last name followed by the year of publication. For example: Funds and regulations are designed to ensure that teachers are professional in learning (Avalos, 2011; Guskey and Yoon, 2009; Vescio, et al., 2008).

2. Method

The research method is written in detail and if there are similarities in the research method, it must be numbered sequentially and placed in the middle of the page accompanied by a reference. As an example:

$$V_{t} = V_{0}.t + \frac{1}{2}a.t^{2}$$
 (1)

Where: V_t is the final velocity, V_0 is the initial velocity, t is the time required and a is the object's acceleration (Giancoli, 2015).

3. Result and Discussion

The results of research and discussion must be presented briefly and clearly and displayed in the form of illustrations or tables and equations which are clearly described and sequenced according to their appearance in the text. If there are sub-results and discussions, they are sorted by numerical order in this section, such as: 3.1. ..., 3.2,..., etc.

3.1. Sub Result and Discussion 1

The presentation of data in a table is displayed, as in the following example:

Table.1. Observation results of the experiment of the motion with a constant velocity

Measurement	S (cm)	T (s)	
1	20,00	1,40	
2	30,00	1,50	
3	40,00	1,60	
4	50,00	1,70	
5	60,00	1,80	

3.2. Sub Result and Discussion 2

The figure presentation is displayed, as in the following example:

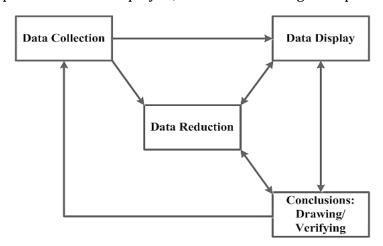


Figure.1. Interactive model data collection and analysis techniques (Redrawn from Miles and Huberman, 1994:12)

Conclusion

The main conclusion of this study can be presented briefly and do not repeat the results of the study.

Acknowledgment

Acknowledgments are only given to individuals or institutions who provide assistance during the research.

Reference

References used must be cited in the text, with the following examples:

- Avalos, B. (2011). Teacher professional development in Teaching and Teacher Education over ten years. *Teaching and Teacher Education*, 27 (1), 10-20. https://doi.org/10.1016/j.tate.2010.08.007.
- Giancoli, D. (2015). *Physics Principles with Applications, Global Edition, 7th Edition*. England: Pearson Education Limited.
- Guskey, T. R., and Yoon, K. S. (2009). What works in professional development? *Phi Delta Kappan*, 90 (7), 495-500. https://doi.org/10.1177/003172170909000709.
- Miles, M.B., and Huberman, A.M. (1994). *Qualitative data analysis: An expanded sourcebook, 2nd Edition*. USA: Sage Publication.
- Vescio, V., Ross, D., and Adams, A. (2008). A review of research on the impact of professional learning communities on teaching practice and student learning. *Teaching and Teacher Education*, 24 (1), 80-91. https://doi.org/10.1016/j.tate.2007.01.004