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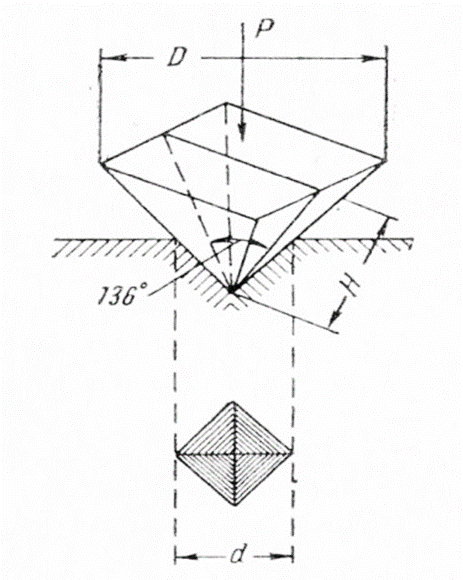
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**Table 1**. The result of Regression Coefficients Reading Habits (X) towards Writing Skills (Y)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Unstandardized  Coefficients | | Standardized  Coefficients | t | Sig |
| B | Std. Error | Beta |
| 1 (Constant)  X | 2,006  ,837 | 6,335  ,045 | ,936 | ,317  18,776 | ,753  ,000 |

To measure hardness, the Vickers method (HV) was used, in which a diamond tip in the shape of a tetrahedral pyramid is pressed into the surface under study, giving a more objective and accurate assessment of the hardness of metallic materials (Fig. 1).



**Figure 1.** Scheme imprinting with a diamond pyramid

**Conclusions**

This part should be focused on your research result conclusions without any new ideas and any citations. Please, replace your text!

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**References**

Duckworth, A. L., Quirk, A., Gallop, R., Hoyle, R. H., Kelly, D. R., & Matthews, M. D. (2019). Cognitive and noncognitive predictors of success. *Proceedings of the National Academy of Sciences, USA*, 116(47), 23499–23504. <https://doi.org/10.1073/pnas.1910510116>

Grady, J. S., Her, M., Moreno, G., Perez, C., & Yelinek, J. (2019). Emotions in storybooks: A comparison of storybooks that represent ethnic and racial groups in the United States. *Psychology of Popular Media Culture*, 8(3), 207–217. <https://doi.org/10.1037/ppm0000185>

Parks, E. L. (2022). Joining the conversation: Teaching students to think and communicate like scholars. *Scholarship of Teaching and Learning in Psychology*, 8(1), 70–78. <https://doi.org/10.1037/stl0000193>

Retnawati, H. (2017). Learning trajectory of item response theory course using multiple software. *Olympiads in Informatics, 11*, 123-142. <https://doi.org/10.15388/ioi.2017.10>

Sorokin, I.P. (1958). Izucheniye usloviy rastvoreniya zolota i serebra v tsianistykh rastvorakh pri nizkikh temperaturakh [Studying the conditions for the dissolution of gold and silver in cyanide solutions at low temperatures]. Trudy VNII-1 [Transactions of VNII-1]. *Magadan Russia*. № 33, 13-69 (in Russ.)