

RESEARCH ON TEACHING STRATEGY OF "LOGARITHMIC CONCEPT" FROM HPM PERSPECTIVE

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ABSTRACT

The history of mathematics is an important component of mathematical culture, and its value is of great significance for cultivating students' core mathematical literacy. Therefore, it is necessary to integrate the history of mathematics into mathematics teaching. However, many teachers have limited understanding of how to reasonably and appropriately introduce the history of mathematics into mathematics teaching. In order to address this situation, this article takes the concept of "logarithms" as an example from the perspective of the History of Mathematics and Mathematics Education (HPM), integrates its development history into teaching, and selects appropriate ways to combine the two to carry out teaching design, providing reference suggestions for some teachers who have this problem.

Keywords: HPM; Logarithmic; Mathematics history; teaching design.