

INFORMATION TECHNOLOGY IN TEACHING MATHEMATICS AT HIGH SCHOOLS IN VIETNAM

Nguyen Chi Thanh

Vietnam National University, Vietnam

In the context of strong development of science, education, and technology, with the need to renovate general education in Vietnam, the application of new technologies in education in general and in secondary mathematics teaching is inevitable. However, this application depends on many factors, including institutional readiness. This report investigates teachers' use of information technology in teaching mathematics in high schools in Vietnam. First, we will analyze the evolution of number of institutional policies to encourage and guide the use of information technology at Vietnamese secondary schools over the past 20 years. This analysis also aims to identify the technological tools that the institution recommended to introduce in teaching. Next, we focus on researching the curriculum of number of universities training teachers to clarify knowledge of methods and technology provided to students of Mathematics pedagogy in relation with an analysis of mathematic textbook program. Finally, we analyze the application of number of technologies used by teachers to clarify how these technologies are used in teaching mathematics in high schools in Vietnam.

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Last names of the authors in the order as on the paper

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