# RESEARCH ON THE STRATEGY OF AI ENABLED HIGH SCHOOL MATHEMATICS TEACHING EVALUATION

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## ABSTRACT

Affected by the development of science and technology, artificial intelligence is penetrating into all fields of life, and the field of education will also be affected by it. In high school mathematics teaching, the traditional teaching evaluation method can not fully meet the needs of the development of the times, so it is urgent to improve and adjust with the help of artificial intelligence technology. At this stage, the evaluation of high school mathematics teaching mainly focuses on the test results, which has limitations. AI technology can collect and analyze data in teaching, and provide more comprehensive, objective and accurate data support for teaching evaluation. At the same time, it can improve the evaluation efficiency by providing intelligent teaching evaluation. Therefore, with the help of AI technology, we can improve the shortcomings of classical teaching evaluation, and provide a more scientific and personalized evaluation for high school mathematics teaching.

**Keywords:** AI empowerment, teaching evaluation, high school mathematics.