

How to Make Typical Problems on the Trapezoidal Rule More Interesting and More Relevant to Students by Using Technology

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Abstract

The article presents an approach to trapezoidal rule problems that combines the use of a calculator with that of a computer algebra system. As a result, students are more interested in solving typical problems, because they understand the connections between the steps. The approach can be used in other situations that require approximating function values and calculating errors of such approximations.



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