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Computer-supported classes in mathematics for engineering students. (English)

[Zbl 1177.00102](#)

Todorov, Michail D. (ed.), Applications of mathematics in engineering and economics '34. Proceedings of the 34th international conference (AMEE '08), Sozopol, Bulgaria, 8-14 June 2008. Melville, NY: American Institute of Physics (AIP) (ISBN 978-0-7354-0598-1/hbk). AIP Conference Proceedings 1067, 229-236 (2008).

Summary: A combined method for teaching and learning selected topics of Mathematics for engineering students is presented. Some points in approaching these topics using CAS DERIVE are discussed and CAS-support of students' learning is shown.

For the entire collection see [[Zbl 1165.82004](#)].

MSC:

[00A35](#) Methodology of mathematics

[68W30](#) Symbolic computation and algebraic computation

[97U50](#) Computer-assisted instruction, e-learning (aspects of mathematics education)

[97M50](#) Physics, astronomy, technology, engineering (aspects of mathematics education)

Keywords:

[computer algebra](#)

Software:

[DERIVE](#)

Full Text: [DOI](#)