

New views at Teaching and learning with CAS

Bernhard Kutzler

b.kutzler@aon.at

ACDCA-Australian Center for Didactics of Computer Algebra

Abstract

Using powerful technology such as computer algebra systems for teaching and learning mathematics and related subjects means an enormous enrichment which, for many educators, in particular novices and technophobes, at first glance appears complicated, sometimes even threatening.

We offer several new views at how to involve technology, in particular CAS, in the classroom, which are helpful in various ways, such as for planning its proper use, for getting more educators excited in using technology, for making teacher training more efficient, ...