ACDCA

Austrian Center for Didactics of Computer Algebra

ACDCA 5th Summer Academy, Gösing (Lower Austria)

Proceedings

The main contributions from the ACDCA 5th Summer Academy in [Gösing an der Mariazellerbahn](), August 1999.

- **ARIYANTI SUGENG** Kiki (Indonesia)
  - [Maple and the Abstraction Process]()
- **BIRYUKOV** Sergey (Russia)
  - [Tzunami in DERIVE and TI-92 (Studding Solitons)]()
- **BÖHM** Josef (Austria)
  - [Basic Skills and Technology - not a Contradiction, but a Completion]()

- **ERSOY** Yasar (Turkey)
  - [Initiating a project on TI-92/DERIVE supported Calculus teaching in Turkey]()
- **FRANZOVA** Nora & **SAMI** Fary (USA)
  - [Using TI-92 in a "Traditional" Calculus and Differential Equations Course]()

- **HARINI MAHMUDI** Sri (Indonesia)
  - [The Use of Matlab/Maple in Solving Interval Hull Of A System of Linear Interval Equations]()
- **HEUGL** Helmut (Austria)
  - [The necessary fundamental algebraic competence in the age of Computer Algebra Systems]()
- **HIMMELBAUER** Thomas (Austria)
  - [TI-92 Programs in Maths Lessons]()

- **KEUNECKE** Karl-Heinz (Germany)
  - [Differential equations as a teaching topic in school?]()
- **KIRILLOV** Andrei I. (Russia)
  - [DERIVE interfaces with Word and Multi Edit]()
- **KNECHTL** Heiko (Germany)
  - [Changes in Didactics/Methods using Palmtop-CAS-Systems in school mathematics]() (in German!)
- **KOKOL-VOLJC** Vlasta (Slovenia)
  - [Exam Questions when using CAS for school mathematics teaching]()
- **KUTZLER** Bernhard (Austria)
  - [The Algebraic Calculator as a Pedagogical Tool for Teaching Mathematics]()

- **LECHNER** Josef (Austria)
  - [HIV and the Immune System - A Mathematical Model]()
- **LEINBACH** Carl (USA)
  - [Using Computer Algebra to Extract Meaning from Parameters]()
- **LOKAR** Matija (Slovenia)
  - [Exponential Growth]()

- **MAASZ** Jürgen (Austria)
  - [Black Boxes and Teaching Mathematics]()
- **MAGIERA** Leon (Poland)
  - [Analytical Mechanics Problems with DERIVE]()
- **MANN** Giora & **ZEHAVI** Nurit (Israel)
  - [Are Circular Functions Trigonometric or Real?]()
- **MARLEWSKI** Adam (Poland)
  - [Linear Discrete Least-Square Fitting Assisted by CAS]()

- **POSTEL** Frank (Germany)
  - [MuPAD as a Tool, Tutee and Tutor]()
- **ROANES LOZANO** Eugenio (Spain)
  - [Constructing Truth Tables in Propositional Multi-Valued-Logics with DERIVE 4]()
- **ROMANOVSKIS** Tomass (Latvia)
  - [Kepler's Ellipses: Challenges From Compasses to Computer Algebra]()

- **SHELBY** Theresa M. & **STOUTEMYER** David R. (USA)
  DERIVE for Windows Version 5 - Rumor becomes Reality
- **SJÖSTRAND** David (Sweden)
  Computer math at Elof Lindälvs gymnasium, Kungsbacka
- **TÕNISSON** Eno (Estonia)
  Step-by-step Solution Possibilities in Different Computer Algebra Systems

- **WEISKIRCH** Wilhelm (Germany)
  Didactic and methodic changes in Analytical Geometry / Linear Algebra with the use of CAS (in German!)
- **WELLER** Hubert (Germany)
  Squaring the Circle and Leonardos Vitruvian Man
- **WURNIG** Otto (Austria)
  Using TI-92 in the 9th - Grade of Austrian Grammar Schools -Hypotheses, Experiences, Results, Problems

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