

## **Introduction to the Symbolic Calculator TI-92**

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### **Abstract**

The TI-92 is a handheld calculator that combines numeric computation and graph plotting with the techniques of computer algebra (à la DERIVE\*) and of computer geometry (à la CABRI GEOMETRE II\*). After the numerical and the graphical calculators, the TI-92, as a symbolic calculator, introduces a new dimension in mobile mathematical problem solving.

The participants will learn working with the TI-92. By means of selected examples, the usage of the calculator is introduced step by step, treating all application modules: \* symbolic manipulation (computer algebra)

- \* 2D and 3D graphics
- \* interactive geometry
- \* data/matrix editor
- \* text editor
- \* program editor