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MAFITUD 7. országos találkozó

2008.09.13

Nádasdladány

Bemutakozás

- 15 éves vagyok
- Dunaújvárosban tanulok
- 2007 óta vagyok MAFITUD tag
 - XVI. Tudományos és Innovációs Tehetségkutató verseny I. díj

További versenyek

- 19. EU Fiatal Tudósok Versenye
 - EU szabadalmi hivatal különdíj
- 23. CASTIC

19. EU Verseny

EXPERIMENTS & METHODS SMARTDIFF

These methods for systematic calculations:

The innovative way of computer calculations is to arrange the data into a binary tree. This method is great for business calculations, but does not allow symbolic calculations. The method used according to the data to an arbitrary tree is very fast, and quite efficient to symbolic calculations. In some cases the symbolic calculation can be faster than numeric calculations.

Experimental tests:

The structure of the explanation language enables a very fast translation to any language. Only the test results to be measured, and the codes have to be placed where appropriate. It took only one hour to translate the application to English.

Fastening calculation:

The explanations are based on mathematics learning experiences, and focuses on the most difficult problems. This is what makes the application really efficient.

Manager for vector of lines:

Since it has differentiated any function, it can provide an illustration to explore books. For instance, teachers can compare some exercises, and avoid those to the students to a point, and the students will have a complete solution from SmartDIFF.

Corrected result:

The code of the application can run in any operating system, only the graphical user interface has to be rewritten. The program code is written in standard C++.

Universal code:

The code of the program is extremely flexible and can be extended to further areas of mathematics, such as integral calculus, differential calculus and equation solving.

Area of a few paragraphs:

You only have to enter the function, and the program will give you the complete solution, with all the explanations. If you encounter difficulties, the Help will provide you all the information you need. You will not be able to load exercises easily in one click.

RESULTS

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...

SMARTDIFF EXPERIMENTS



19. *EU Verseny*



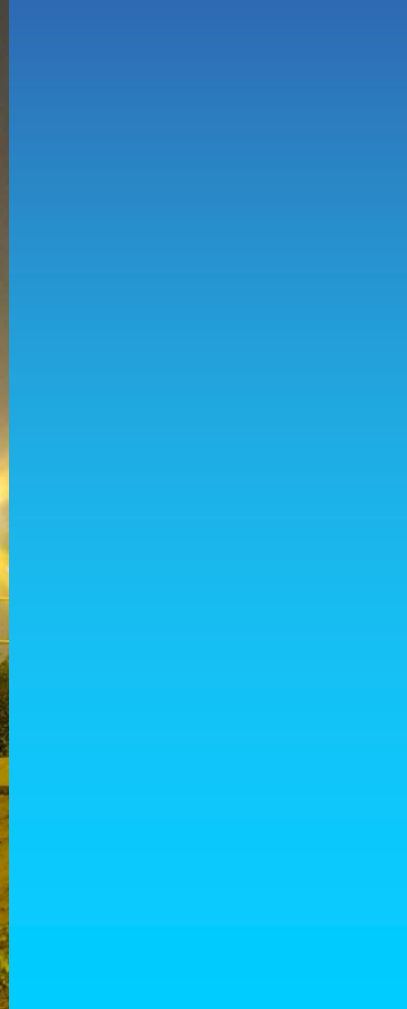
19. *EU Verseny*



23. CASTIC



23. *CASTIC*



Köszönöm a figyelmet!