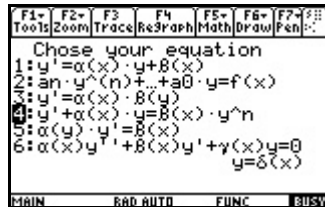This programs calculates a lot of differential equations with a very simple interface.
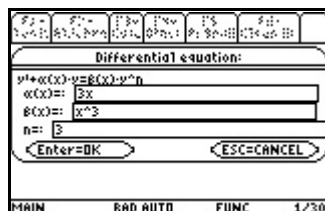
Example: $y'+3xy= x^3 y^3$

Enter diffeq() in the home screen and chose your equation by the menu:
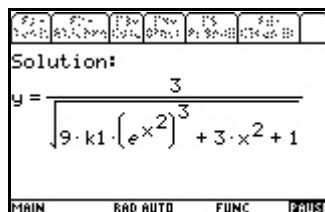

Enter

Enter the correct values of your equation as requested:

Enter

The program finds the solution (using constants k1,k2…) and asks you if you want to save the obtained solution in order to have a better visualisation and the possibility to use other variables
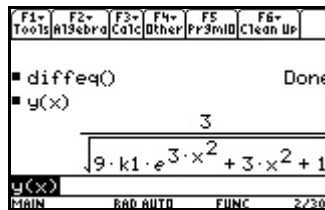

Enter

Enter (Yes)

In the home screen it's possible now to have:

This programs has also an error control system to assure you the most unerring solution.

This program has been already used many times without problems. If you find any bug first assure you to have selected the English language in the Mode and not to have translated the code with any program. If the problem persists, please, let me know.
For a better and faster answer, please, enclose some screenshot of the bug: entered inputs, expected outputs, error messages, erroneous code line, Mode setting… it will help me very much!
My address is paolosilingarditi@interfree.it; write   **TI-Program**   as Object of e-mail**!**

<u>IN ORDER TO PREVENT SPAMMING, E-MAIL WITHOUT THE CORRECT OBJECT WILL BE AUTOMATICALLY DELETED!</u>

You can find all my programs at this address:
http://www.ticalc.org/archives/files/authors/44/4458.html.

Remember to vote this program in the site!

Paolo Silingardi

Special thanks to Francesco Cappai for help, suggestions and inspiration.