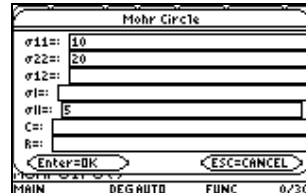MohrCirc is a program created for an advanced analysis of plane tension states and allows to know tension values and circle data.

For example if some data are known like two normal tension (10 MPa and 20 MPa) and a principal tension (5MPa):
Enter mohrcirc()
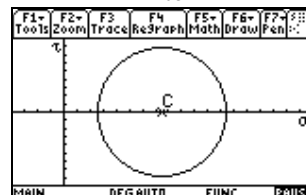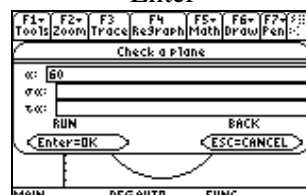
Enter

Enter

Enter

Enter

Enter

Enter

Esc

Enter

Enter

Enter

Esc

Esc

You can enter every datum you know, if consistent, and the program try to calculate the others. If data are inadequate an error message tells you.

When you check a specific plane and you enter σ_α or τ_α the programs calculates a double solution and draws two lines on the circle.
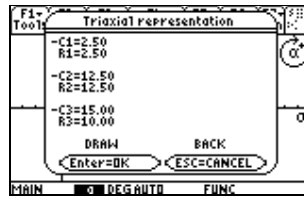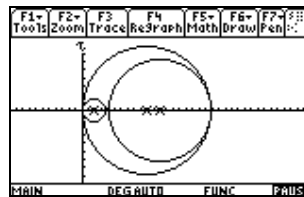
Remember to run it one time before lock or archive.

This program has been already used many times without problems. If you finds 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 paolosilingardi@interfree.it . Thank you very much for your help!

Paolo Silingardi