

## REMARKS FOR OCTAVE USERS

1) The sources initially written in MATLAB, have been adapted to OCTAVE.

The OCTAVE user must indicate the path where the sources for OCTAVE are placed with the OCTAVE command `addpath` and `savepath`.

2) Less than 10 functions (not essential) currently do not work on OCTAVE. Please find the list below.

3) The tutorials and exercises (in folder `MATLAB\Documentation\tutorial2\exercises` were first written for MATLAB. Thus, the exercises may need slight modifications. In OCTAVE, for knowing the fields of a variable with different fields (such as a SAISIR object, you have to use the function 'fieldnames' or 'w').

3) You can try the SAISIR functions through the folder "benchmark 2008". Use the script "totaltest" in this folder which runs almost all the function in SAISIR.

Here are the (not essential) functions not working with OCTAVE:

```
anovan1
crossmahal
dendro
leave_one_out_pls2
maha
mahal
map3D
plotmatrix1
symbol_map
```

4) In my installation of OCTAVE, I used GNU PLOT as plotter, the other alternative does not work.

5) OCTAVE makes a complete echo of structure. This is not convenient in the logic of SAISIR. You can use « fieldnames » in order to know the fields which compose a given structure.

Alternatively, you have the function « w » (like « what ») which gives you a way to have the names of the fields in a given output.

6) Most of the scripts in `MATLAB/example` will work with OCTAVE, but they have not all been verified

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