

**Exercises to the classes
Numerical Methods in Sciences and Technics**

Exercises no. 8
to 08.12.2003

The solution of exercise 1 is to submit in the exercise classes on Monday, 08.12.2003 !

Statements given in the lecture can be used in the solution of the exercises without proof. All other statements have to be proved.

1. Assume the number of operations for the basic parts of the multigrid cycle as given in the classes. Compute the number of operations for one F-cycle.