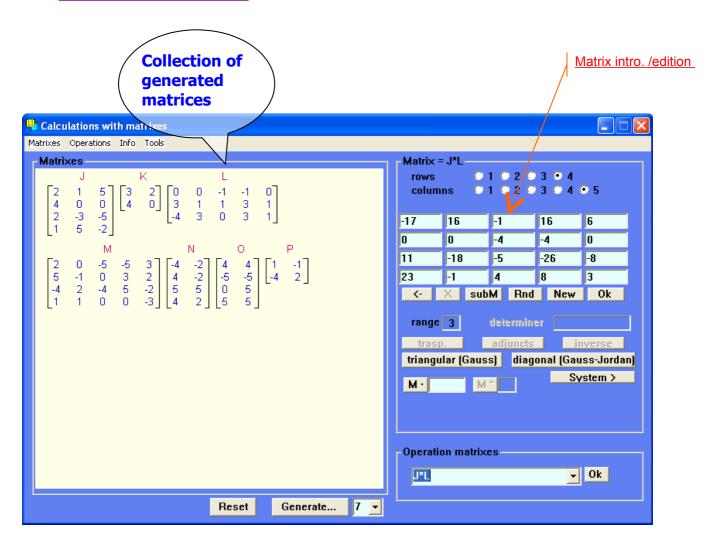
CALCMATR

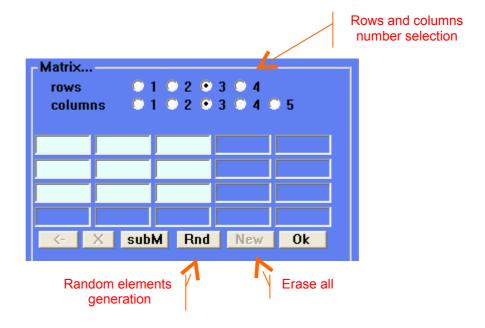
Calculations with matrices of integers or fractions of up to 4 rows \times 5 columns

The main window
Introducing/editing matrices
Operations with a matrix
Operations between matrices
Systems of equations

The main window



Introducing/editing matrices



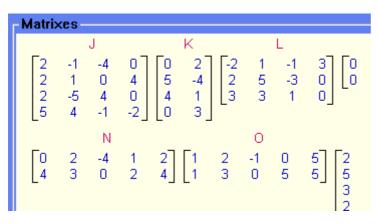
You can:

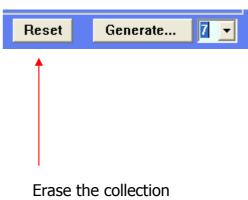
- Introduce the elements manually
- Generate random elements
- Incorporate a matrix from the collection

Generation of N aleatory matrices

To practice operations, properties, etc.

Selecting their number of the list and pressing the button **Generate...**

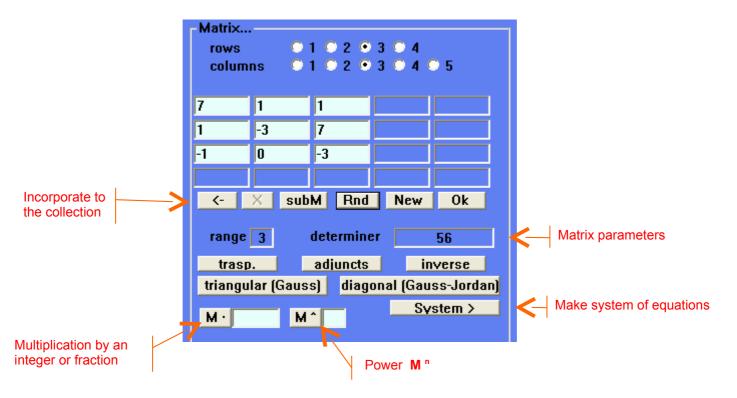




Operations with one matrix (introduced or selected)

According to the matrix type they will be activated the buttons for the possible operations with it.

The result will appear on the same edition zone (therefore, if the original interests and it is not in the collection it is necessary to incorporate it previously)



Operations betwen matrices



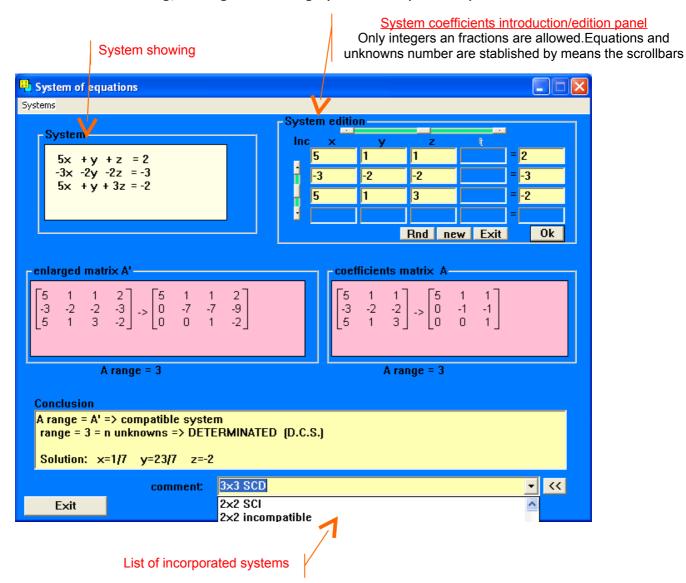
Introducing a chain of operations (addition, subtraction, product, raising to power) among matrices of the collection, the result will appear in the edition panel

Naturally, the chain of operations should respect them compatibilities among the operands: equal dimensions for the addition, columns of A = rows of B in A*B, etc...

Systems of equations New Generate Erase System of equations

It's possible also make a sytem from the current matrix with the option <u>Make system</u> of the menu **Operations**

It allows introducing, editing and solving systems of up to 4 equations and 4 unknowns



Menu

