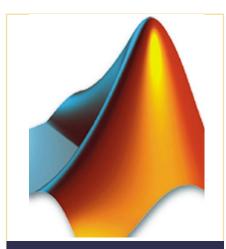


Interactive

Bring your computers with Matlab on them.

The courses will be given in an interactive manner. Attendees will be given a brief lecture about the day's topics and then will be asked to complete given small tasks. At the end of each course, a homework including the recent course subjects will be given, and at the end of course series, a project work will be given.



Do you want to start early?

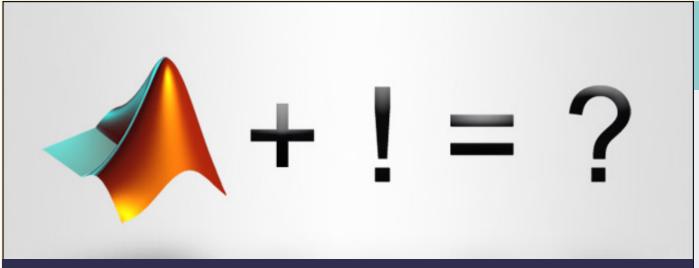
Matlab is a common programming environment for various study areas. You can easily start with tutorials and be familiar with the Matlab interface in a short period of time.

(http://www.mathworks.com/academia/student_center/tutorials/launchpad.html)

Interactive MATLAB Courses

17-19 September 2014
METU, EEE Building
Meeting Room D-115





Program Details

Program Details:

17 September (18:00-20:00)

Basic Operations

- Basic math operations (+, -, *, /, ^, exp...)
- Basic matrix operations (A*B, inv(A)...)
- Basic loop operations (for, while, if else break)

18 September (18:00-20:00)

File Handling

- File handling (read, write, access...)
- Figure handling (set, get figure handles...)
- Figure types (imagesc, plot, surf, mesh...)

19 September (18:00-20:00)

Program Debugging

- Simple debugging
- Using CEMMETU programs

Project Work

Current Plot of 3D Mesh (Tetrahedral) Model You have both model and current coefficient files. How would you plot each current on each tetrahedral?

- Would you draw all tetrahedrals?
- Would you draw model as cuts of volumes?
- Would you draw layers at specific distance?

Sample Matlab Code

clc clear all

testvalue=1;
testcounter=0;

while testvalue > 0
 testvalue=testvalue/2;

testcounter=testcounter+1;
end

testvalue testcounter

What is the result of the code given above? What does it do?



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