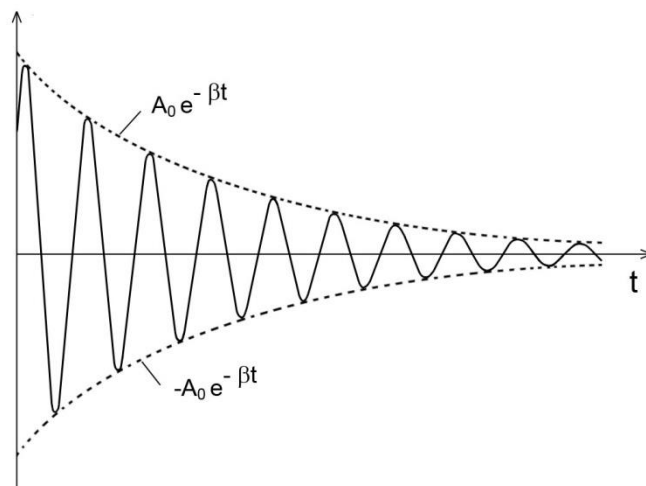


Project 2:

The „*damped.mat*“ file contains the measured values of the position-time function of a damped vibration. Determine based on measured values:

- a) the frequency (f) of the motion and its uncertainty,
- b) the damping factor (β) and its uncertainty using the method of least squares!

The MATLABs findpeaks built in command can be very helpful!



Requirements:

1. Describe the process of solving each task in separate document files together with the obtained results!
2. Make m-scripts to solve each task!
3. Pack the document files and m-scripts in the file "X_Y.zip" and send it to the address "bertam@sze.hu"! (X=last name, Y=first name - without accents) The subject of the letter should be "Project 2."!