Procedure for extracting a matrix (A) from a solved COMSOL model file, (solvedmodel.mph) and saving it as a MATLAB file (matlabfile.mat)

1. Open Livelink with MATLAB, from the desktop shortcut:

2. Load in your solved COMSOL .mph file with the following command:

   test=mphload('solvedmodel')

3. Define the matrix A - make sure that the number associated with 'sol1' corresponds to the desired solution number of the COMSOL model:

   A=mphmatrix(test,'sol1','out',{'K','D','E','L'});

4. Save the matrix as a MATLAB file:

   save(matlabfile.mat','A');