

ExportNodalResults.vbs

Description

This script outputs averaged nodal results to an Excel spreadsheet for selected results components at selected nodes.

1. Select nodes for which you want to extract results
2. Click 'File->Script->Run Script' and select the script file "ExportNodalResults.tfm". Click OK.
 - a. Select an appropriate result entity
 - b. Select one or more results components. Multiple selections can be made by holding down the 'ctrl' or 'shift' keys when selecting.
3. Click OK to extract results or Cancel to quit.

Notes

1. THIS SCRIPT IS NOT PART OF LUSAS SOFTWARE AND AS SUCH IS NOT QUALITY APPROVED OR SUPPORTED. IT IS PROVIDED ON AN AS IS BASIS FOR DEMONSTRATION PURPOSES ONLY.
2. Note that results components are not transformed from the default orientation (See reference manual for details of default orientations for associated element types). This limitation may pose an issue for certain results types if the default orientation of selected results types are referenced to local axes that do not follow a consistent orientation (e.g. for an irregular mesh)
3. Care should also be taken to ensure that the chosen result entity is valid for averaging at the selected nodes. For example it may not be valid to average shell membrane force Fx along an edge between shells that are aligned at an angle to one another, since the force direction would not be consistent.
4. Use the drop downs in Excel to sort values, if needed.