

## SplitMultipleSurfaces.vbs

### Note:

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.

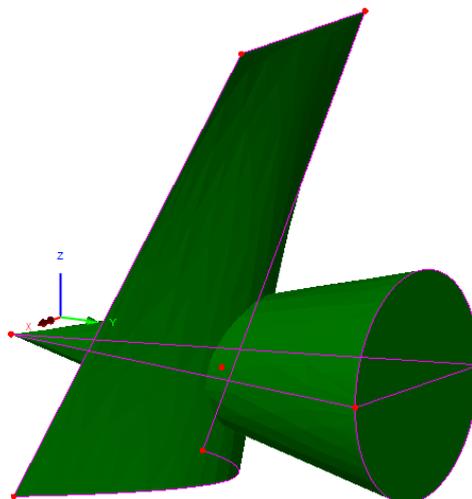
**Since this script was written it is now possible to slice multiple surfaces without the need for this script:**

1. Open the example model “**curved.mdl**”
2. Select the curved surface (surface 1) and place this in selection memory (right-click>**Selection Memory>Set**). This surface will be used to slice the other surfaces.
3. Clear the normal selection by clicking in white space (the items in selection memory will remain highlighted).
4. Select both the two surfaces that make up the cone.
5. Go to **Geometry>Boolean Subtraction** and choose to subtract “**memory from selection**”.

### Description

The menu item **Geometry > Slice Geometry** can be used to slice multiple surfaces, with a planar slice. Alternatively a single surface can be sliced by another surface by going to **Geometry>Boolean Subtraction** and this option additionally facilitates the use of a curved cutting surface. However, this only worked for one surface at a time when this script was written (see note above).

This provided script automates the above process for a number of selected surfaces. To run the script on the example model, please do the following:



1. Open the example model “**curved.mdl**”
2. Select the curved surface (surface 1) and place this in selection memory (right-click>**Selection Memory>Set**). This surface will be used to slice the other surfaces.
3. Clear the normal selection by clicking in white space (the items in selection memory will remain highlighted).
4. Select both the two surfaces that make up the cone.
5. Go to **File>Script>Run Script** and choose to run the “**SplitMultipleSurfaces.vbs\_**” script