

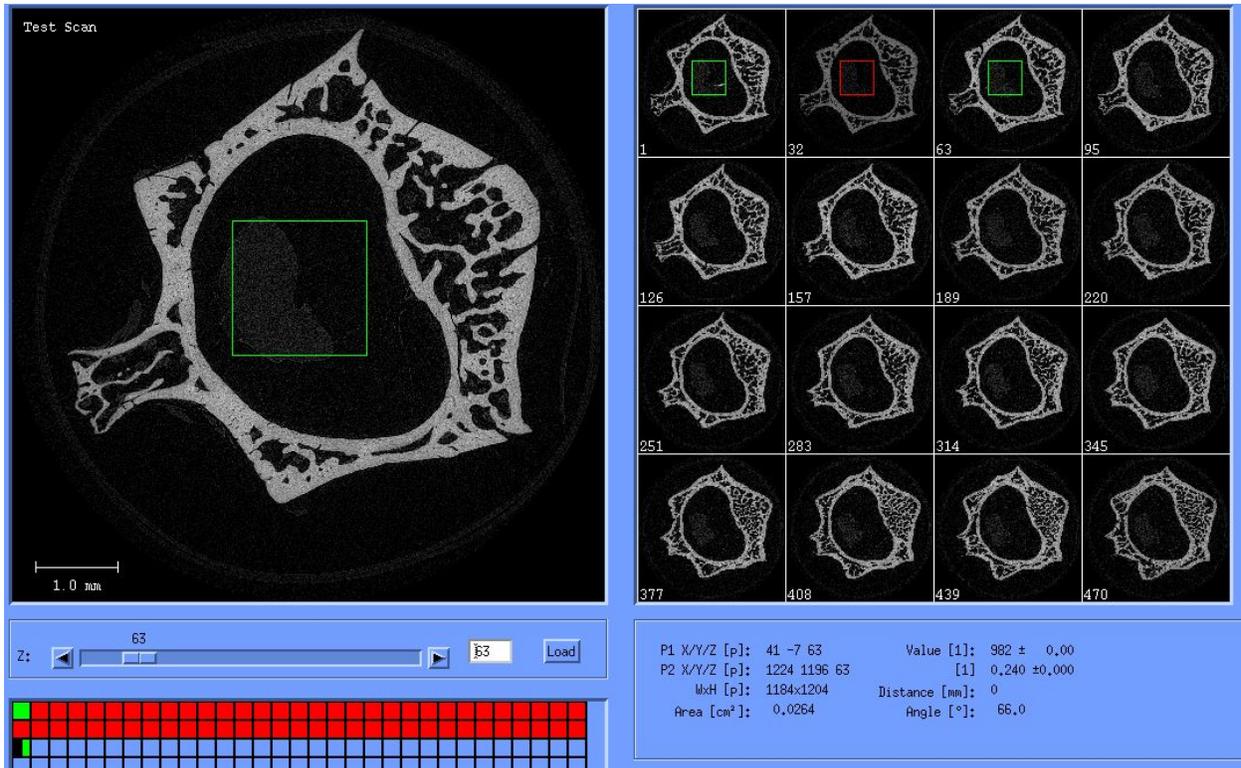
## Demo - How to rotate the GOBJ contour

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(2020.07 updated)

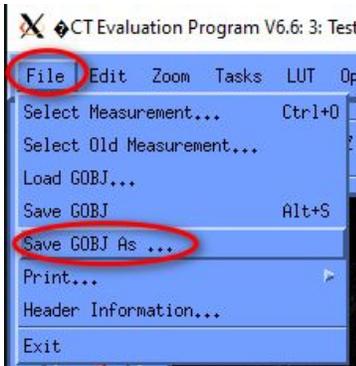
### Step 1: Draw a contour and save as GOBJ file

The purpose of this step is to generate a .GOBJ file (which stores contour info) for subsequent rotation.

Draw the contours.



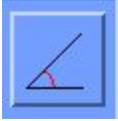
Click “File” tab in the menu, click “Save GOBJ As ...”, and then click the “OK” button.



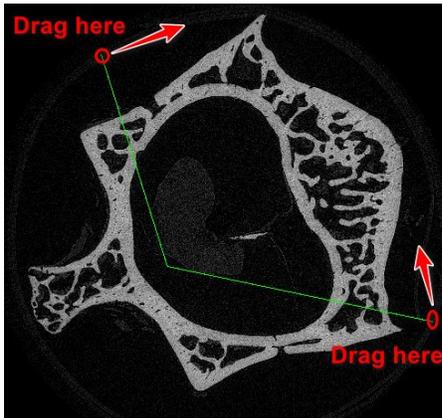
## Step 2: Angle Measurement

(Note: If you already know the angle you wish to rotate your GOBJ contour, please proceed directly to Step 3.)

Click the Angle button



Drag the end of each line to your desired angle



Then, you can see the angle info on the right

The software interface displays the specimen image on the left and a grid of 16 smaller images on the right, numbered 1 to 470. A red arrow points from the grid to a data panel at the bottom right. The data panel contains the following information:

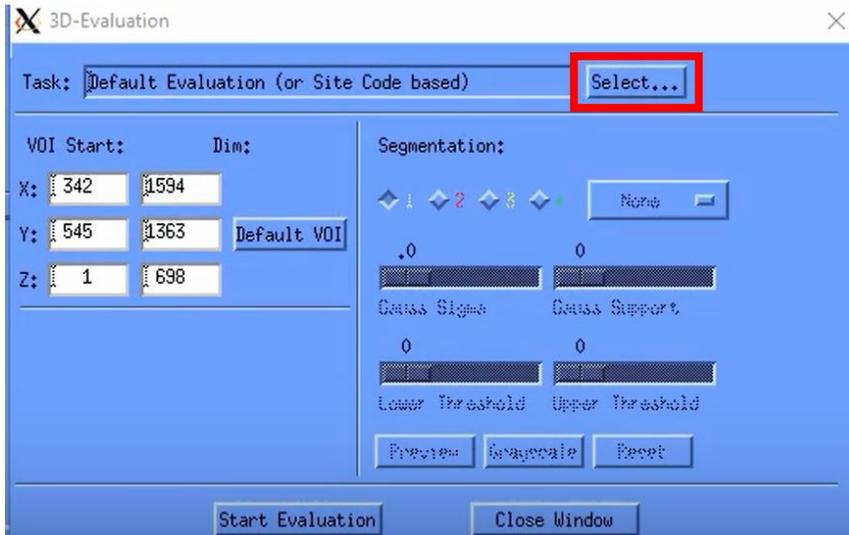
|               |            |                |              |
|---------------|------------|----------------|--------------|
| P1 X/Y/Z [p]: | 785 249 1  | Value [1]:     | 0 ± 0.00     |
| P2 X/Y/Z [p]: | 1881 533 1 | [1]            | 0.000 ±0.000 |
| WtH [p]:      | 0x0        | Distance [mm]: | 0            |
| Area [cm²]:   | 0.0000     | Angle [°]:     | 61.8         |

The "Angle [°]: 61.8" value is circled in red in the original image.

### Step 3: Rotate the GOBJ contour

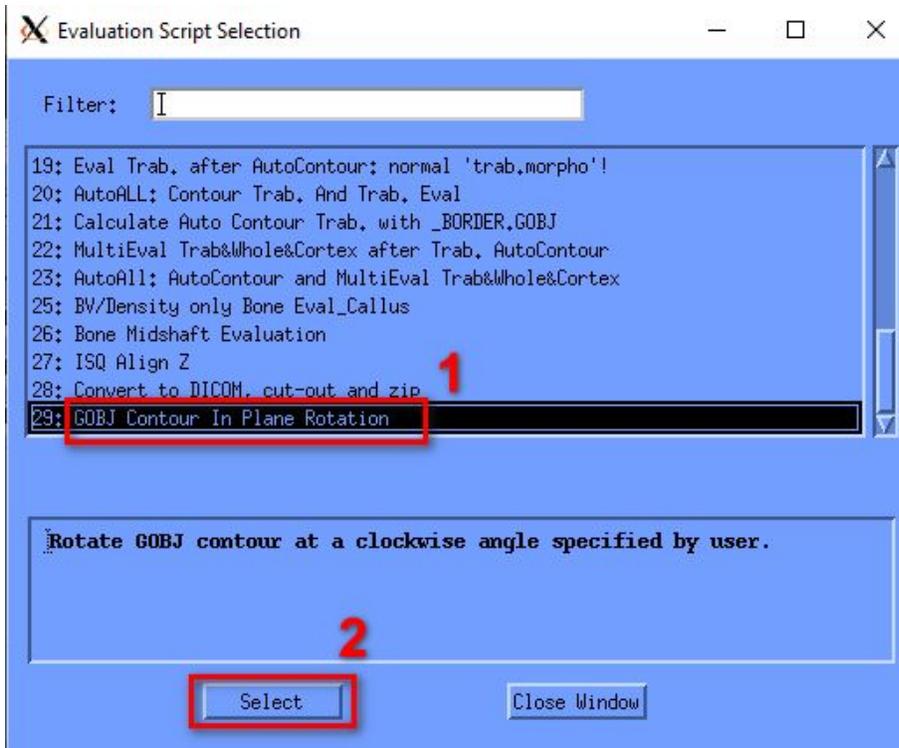
Click 'T...'

Click "Select..."



Scroll down and select Task: 'GOBJ Contour In Plane Rotation'

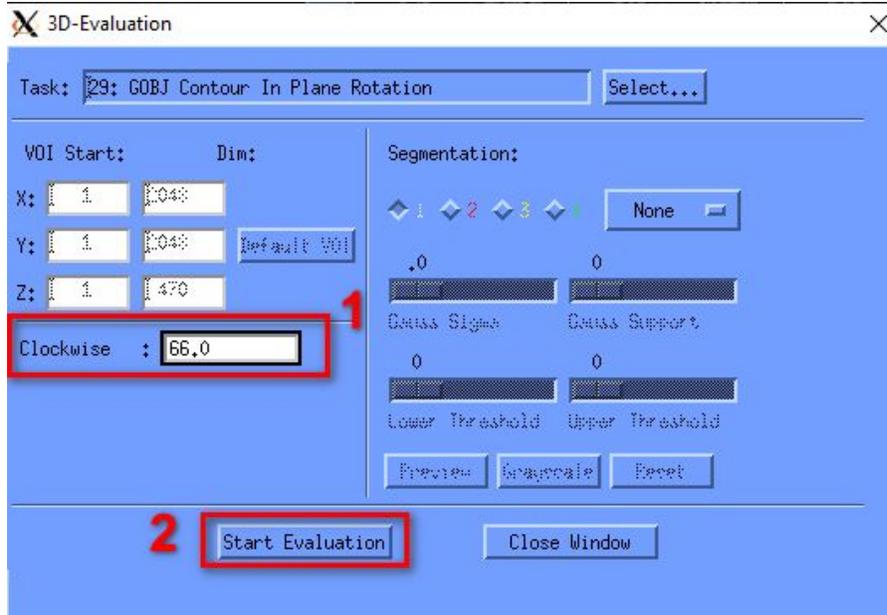
Click "Select"



Enter the clockwise angle to rotate the contours (e.g.: 66 degrees)

Click "Start Evaluation".

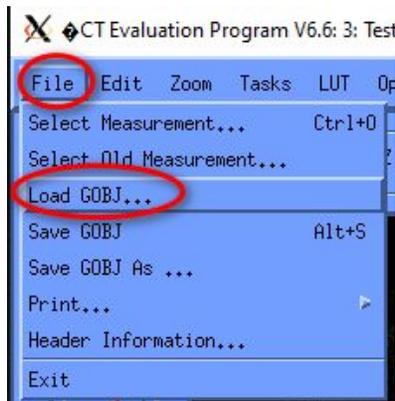
## How to rotate the GOBJ contour



### Step 4: Load the rotated GOBJ contour (generated in Step 3)

Option 1: Click “Select Measurement...” and reload the image.

Option 2: Click “File” tab in the menu, then “Load GOBJ...”.

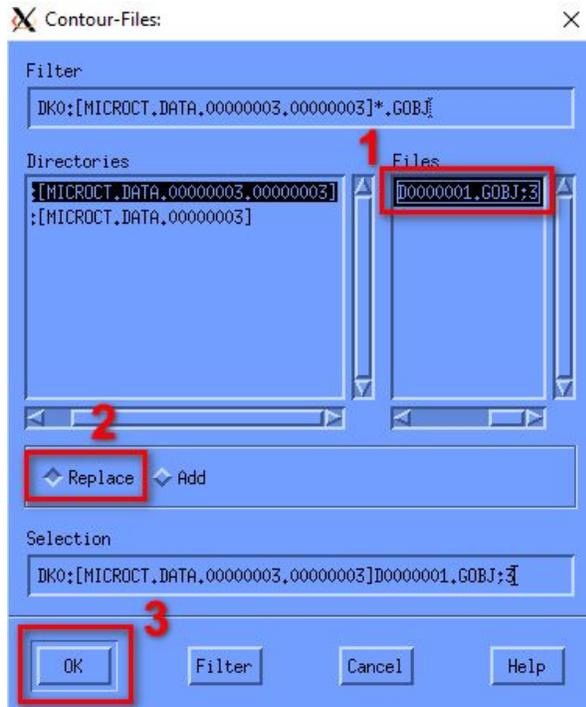


Select the GOBJ generated in Step 2

Click “Replace” button

Click “OK”.

## How to rotate the GOBJ contour



That's it!

Note: If you are not satisfied with the rotated contour, click the move contour button, and drag the white dots surrounding the contour to adjust to your desired position.

