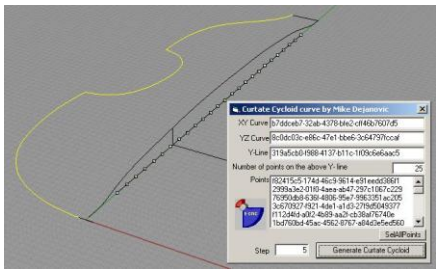
Step 1: select XY curve: one that define the actual shape of the violin
Step 2 select YZ curve : curve that define violin thickness
Step 3 select Y-line : strait line that connects start and end point of the curve from Step 1
This line now needs to be divided for curtate curve density (precession, which will guide the surface creation)

Step 4: So, enter desired number of points that will be projected on the Y-line (you must see the points created)
If line is not selected the point wont be created either you pre-select line and enter number of points or you enter Number of points and then select line (both ways points needs to be created and visible)

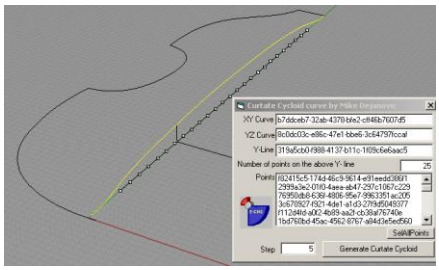
Step 5 : click on SelAllPoints to actually select the points that will be included in calculation
Step 6: click on Generate Curtate Cycloid button
Entry Field Step: number of points created for CC curve itself (guides CC precession)
Take a look at the below pictures for the explanation XY, YZ and Y curves/lines

Next step is to create network surface that uses the above created CC curves.(manual at this time)

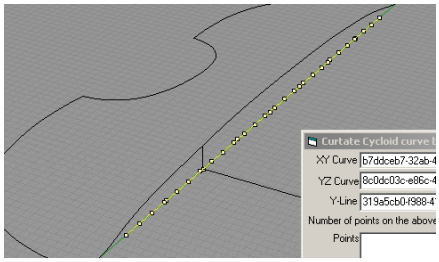
XY-curve



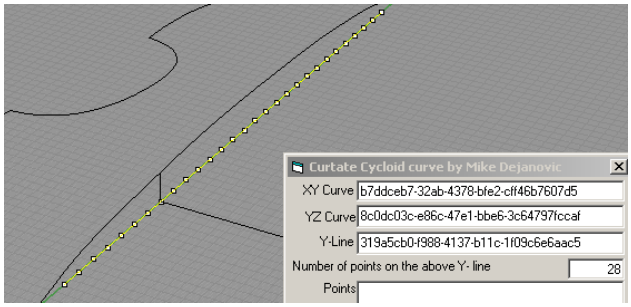
YZ-curve



Y-line



points



Mijo Dejanovic, rhino3d@e-cnc.com