

Surfaces

1. polygonal line
2. intersection of two curves
3. line tangent to a circle
4. line tangent to 2 circles
5. elliptic arc
6. averaged normal offset of a curve
7. fillet from 2 points and 2 angles
8. central difference normal offset of a curve
9. arc through 2 points with center
10. arc through 2 points with radius
11. tangent arc through point
12. arc with radius tangent to a line
13. arc with radius tangent to 2 lines
14. arc with center and angle
15. point in polar coordinates
16. points in polar coordinates with regular angular spacing
17. modify the radial coordinates of the previous command
18. translate a curve
19. interpolate a curve between two curves
20. parametric function curve
21. normal offset of an existing curve
22. rotation of an existing curve
23. multiple radial lines
24. convert a 3D curve to a 2D curve
25. insert points into a curve
26. remove points in a curve
27. change points in a curve
28. concentric arcs
29. print out the coordinates of a curve
30. scale one or both coordinates of a curve
31. parametric curve by an arbitrary function
32. cubic spline
33. Fowler-Wilson Cubic Spline Once the curves have been defined, they can be translated, scaled, and rotated in the 2D plane.