Shape Interrogation for CAD/CAM

__radialc.c__

Find a radial curve for an input open NURBS curve by evaluating a radial curve at a specified (nsegs) number of points on the input curve.

Do:
prompt> make radialc
prompt> radialc   -i input_curve_file   -x x_coord_of_radial_point -y y_coord_of_radial_point -z z_coord_of_radial_poin   -n number_of_segments_per_knot_span   -s radial_scale_factor   -o output_file

Output: Resulting radial curve in .VECT format

Example:
prompt> radialc -i c.CURV -x 0.0 -y 0.0 -z 0.0 -n 50 -s 1.0 -o radialc.VECT
Note: For the file format of the input curve (c.CURV) and the output (radialc.VECT), see ../../README.pdf