

Michael A. Scott University of Texas at Austin T-Splines, Inc.









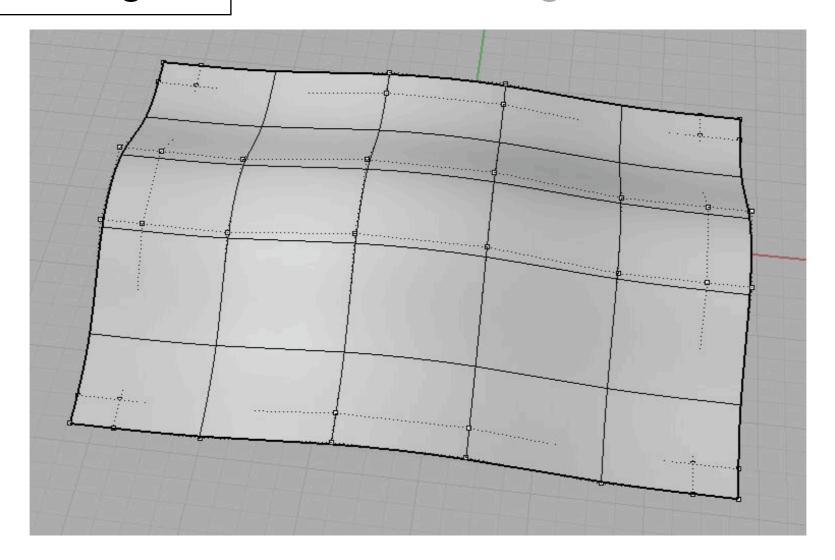






Rectangular

Not watertight

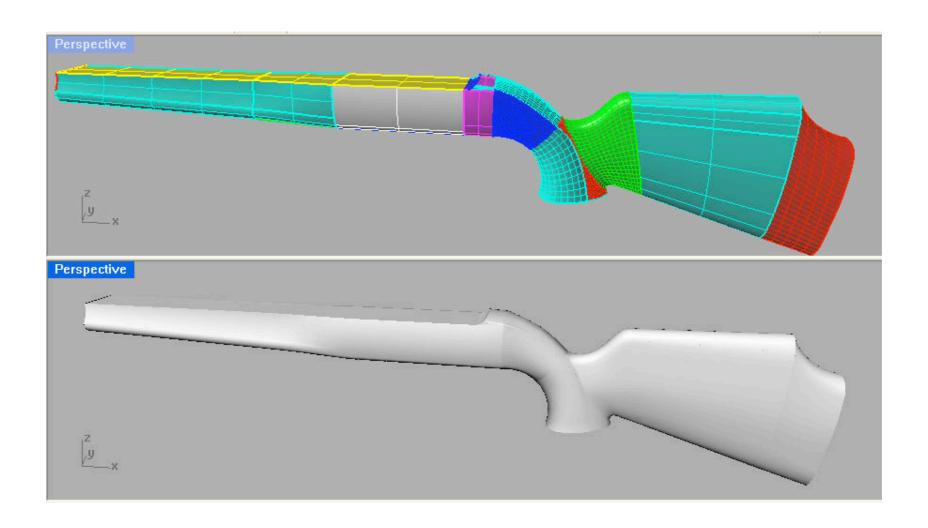






Rectangular

Not watertight

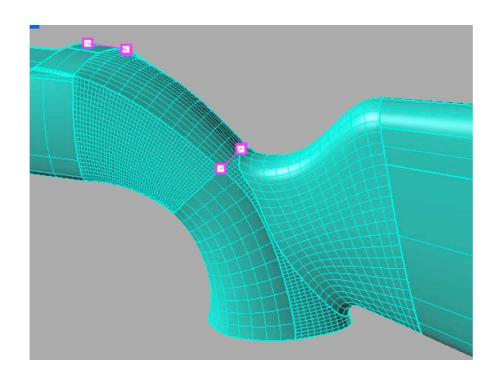


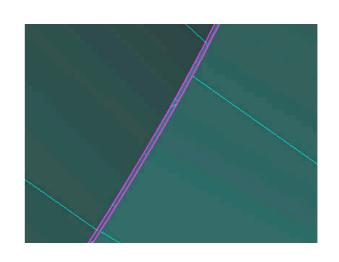




Rectangular

Not watertight







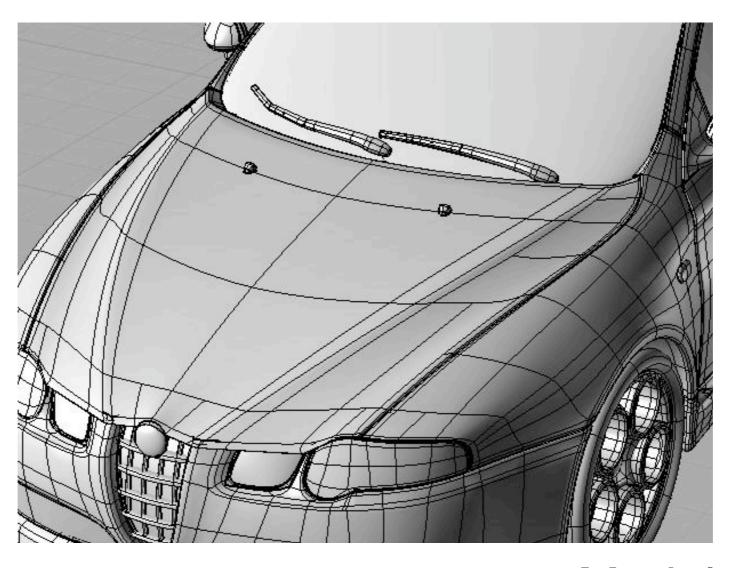


Rectangular Not watertight









Model by Tibor Toth





Non-rectangular

Local control

Analysis Suitable



NURBS

T-Splines





Non-rectangular

Local control

Analysis Suitable



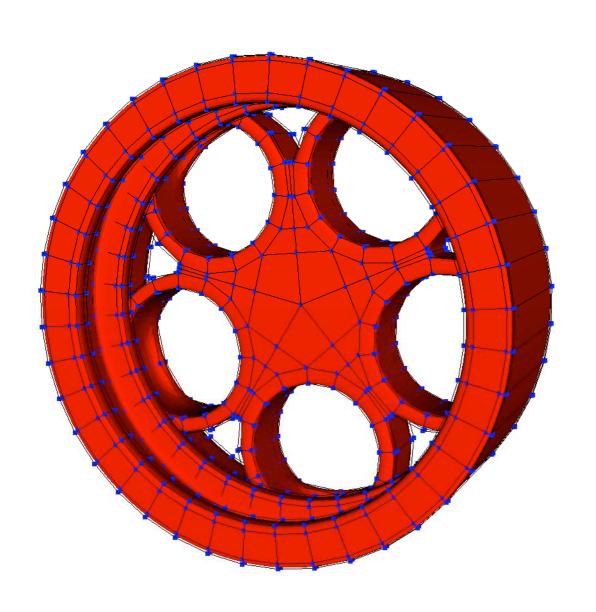


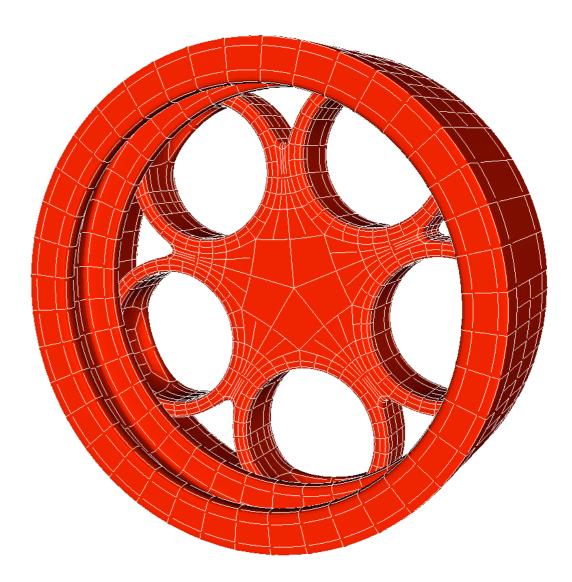


Non-rectangular

Local control

Analysis Suitable









Compatibility

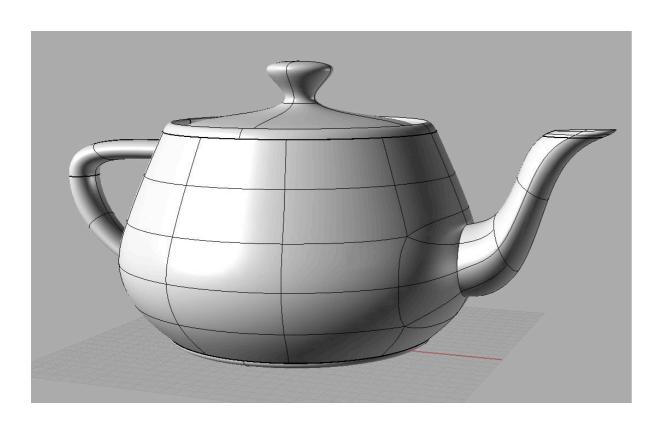
"The T-Spline technology addresses some important limitations in conventional NURBS surfaces and is forward and backward compatible with NURBS."

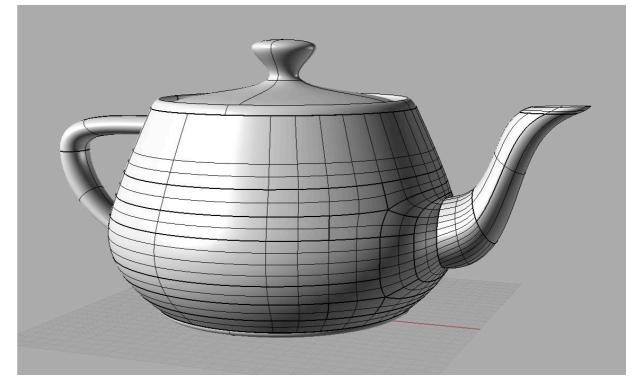
Dr. Rich Riesenfeld, NURBS inventor, University of Utah





Compatibility





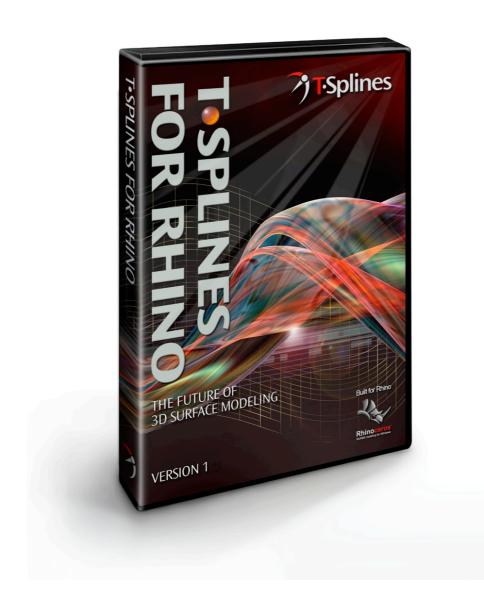
T-Splines

NURBS





T-Splines for Rhino



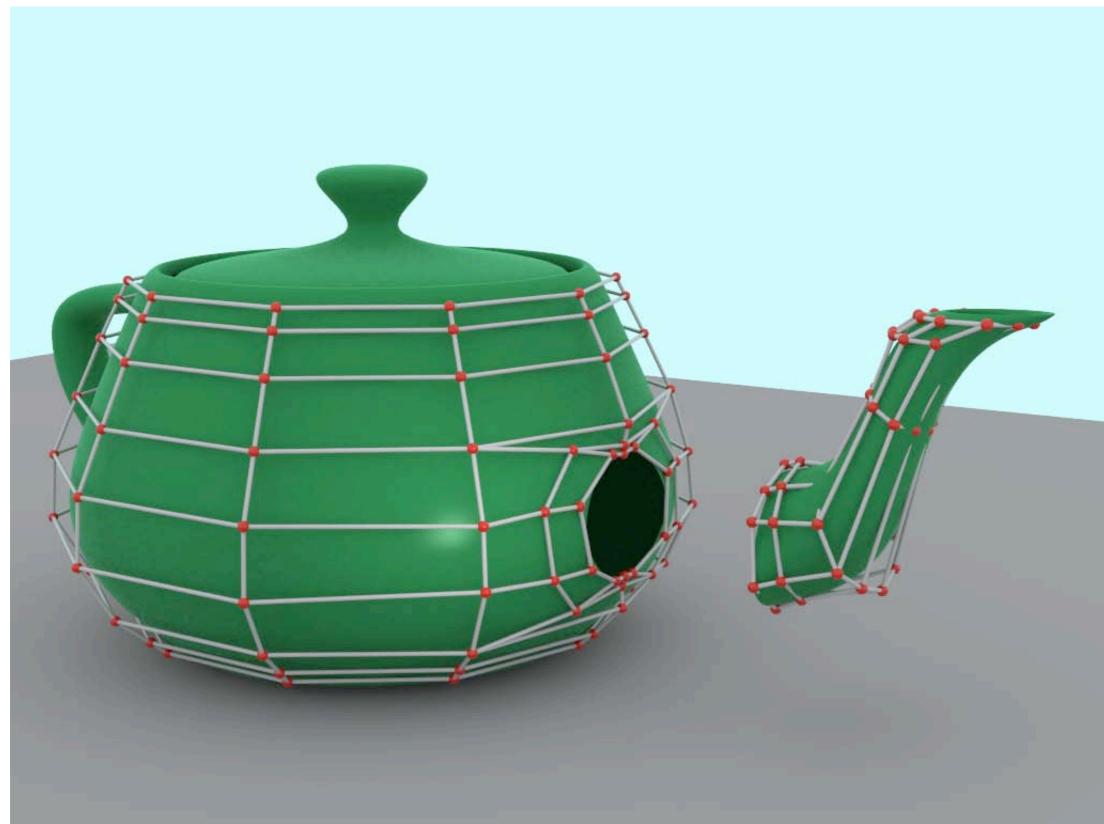


T-Spline Trimming Curve Conversion



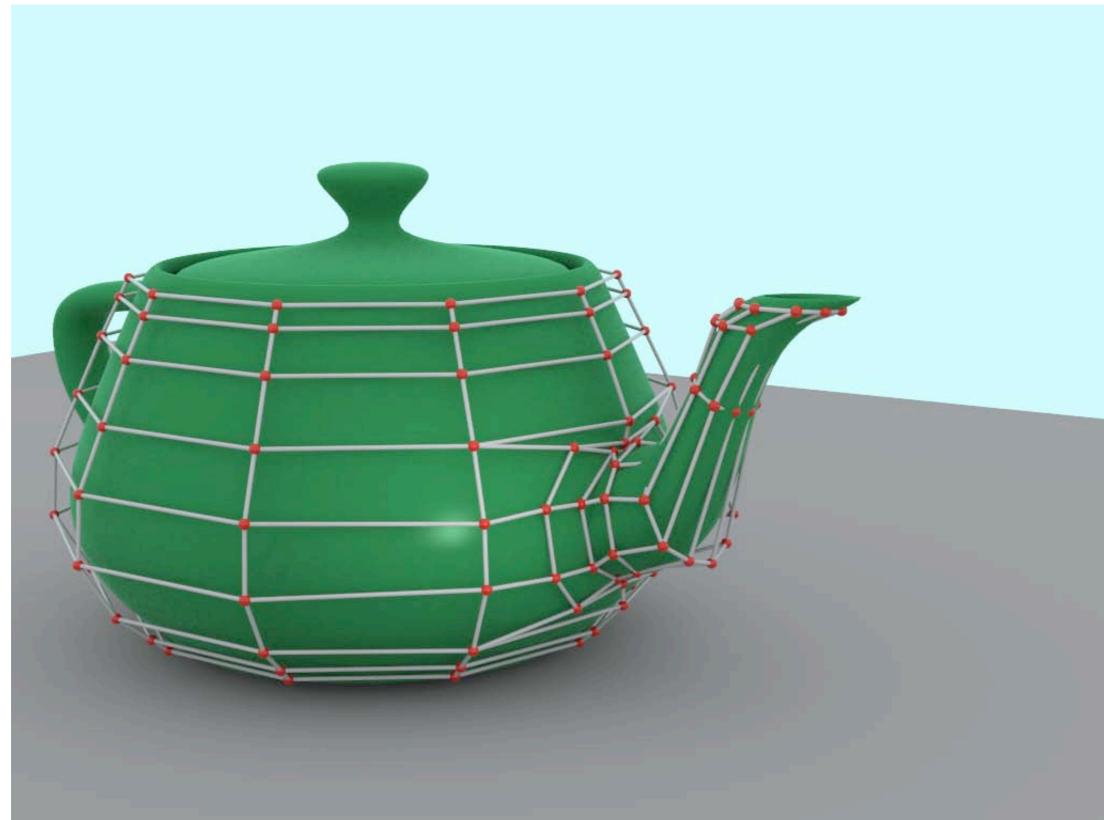














Trimmed NURBS

Untrimmed T-Spline

