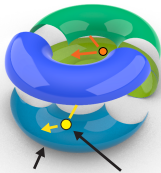


NURBS Model



Parts and Origins

$$\begin{array}{cccc}
 A_1^2 & D_1^2 & & T_1^2 \\
 & A_1^1 & & T_1^1 \\
 & & A_2^2 & D_2^2 \\
 & & & A_2^1 \\
 & & & & A_3^2 & D_3^2 \\
 & & & & & A_3^1 \\
 & & & & & & A_4^2 & D_4^2 \\
 & & & & & & & A_4^1 \\
 & & & & & & & & I \\
 & & & & & & & & & I
 \end{array}
 \begin{array}{c}
 T_1^2 \\
 T_1^1 \\
 T_1^2 \\
 T_1^1 \\
 T_2^2 \\
 T_2^1 \\
 T_2^2 \\
 T_2^1 \\
 I \\
 I
 \end{array}
 \begin{array}{c}
 c_1^2 \\
 c_1^1 \\
 c_2^2 \\
 c_2^1 \\
 c_3^2 \\
 c_3^1 \\
 c_4^2 \\
 c_4^1 \\
 t_1 \\
 t_2
 \end{array}$$

U

=

$$\begin{array}{cccc}
 B_1^2 & & & \\
 B_1^1 & & & \\
 & B_2^2 & & \\
 & B_2^1 & & \\
 & & B_3^2 & \\
 & & B_3^1 & \\
 & & & B_4^2 \\
 & & & B_4^1 \\
 B_{11} & B_{12} & & \\
 & & B_{23} & B_{24}
 \end{array}
 \begin{array}{c}
 q_1 \\
 q_2 \\
 q_3 \\
 q_4
 \end{array}$$

B