**Quadratic surface**

Equation is given as (has 9 parameters)

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**Coons bi-cubic surface.**

Consider the following basis vectors for t in 0..1 (has 16 parameters):

F1(t)=2\*t3-3t2+1

F2(t)=-2\*t3+3t2

F3(t)=t3-2t2+1

F4(t)=t3-t2

A surface can be generated by taking

Where the coefficients are the corner points, and t- and s-tangent vectors to the corner points and the twist vectors (i.e. cross derivatives) of the corner points.

