BIPOLAR INTERPOLATION .... v(x,y) = 5 = 6 4; x'y8 a + a o y + a o 2 y 2 + a o 3 y 3 a10x + a11 my + a12 my2 + a13 my3 a2022 + a21 x2y + a22 x2y2 + a23 x2y3 930 x3 + 931 x3y + 932 x3y2 + 932 x3y3 Number of unknown variables are 16. v(x,y) = [1 x x2 x3] [a00 90, 002 003  $\partial \delta \qquad \nabla (\eta, y) = \begin{bmatrix} 1 & y & \dots & \eta^3 y^3 \end{bmatrix} \begin{bmatrix} \alpha_{00} \\ \alpha_{01} \end{bmatrix}$ Teacher's Signature.....

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BATE:

We require 16 points so that B<sub>1</sub> Can be a square motrix B B<sub>16</sub> its inverse can be calculated BENV DE ZUA A DE LE MET MO Teacher's