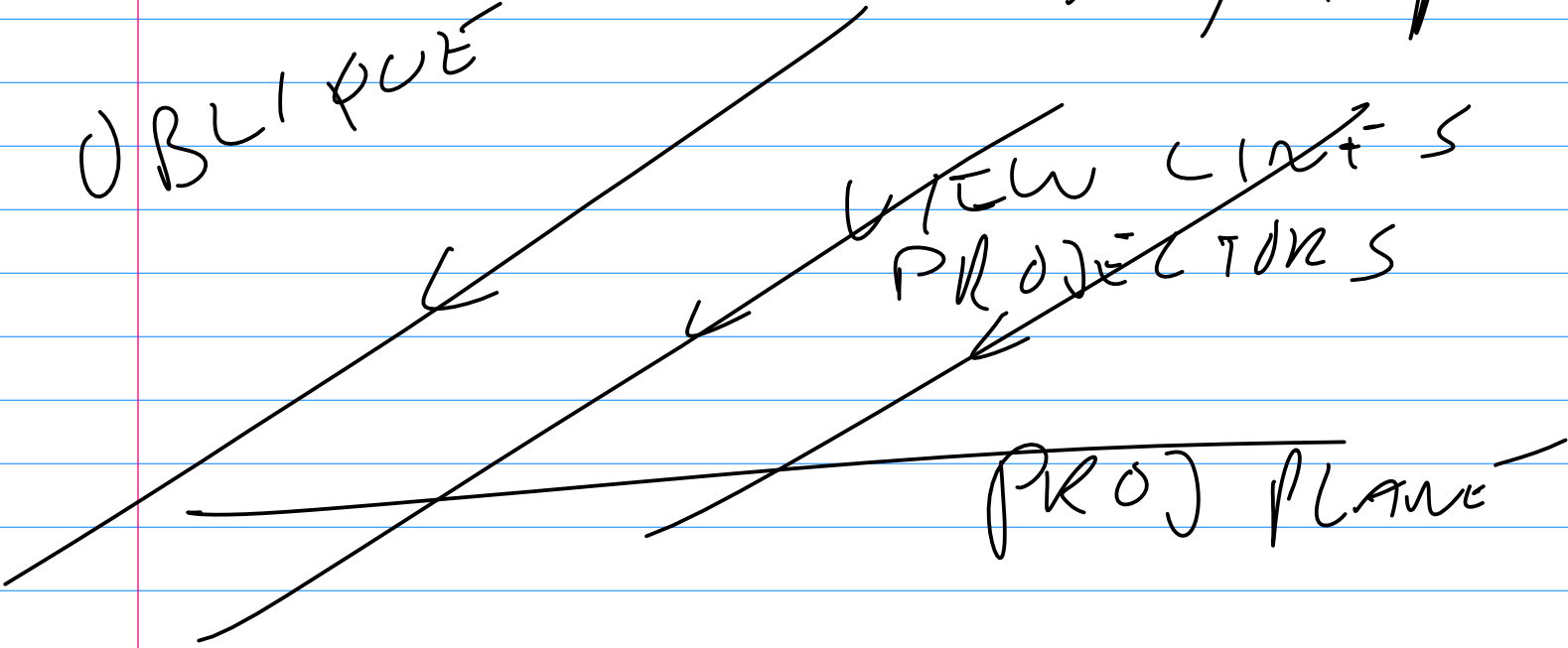


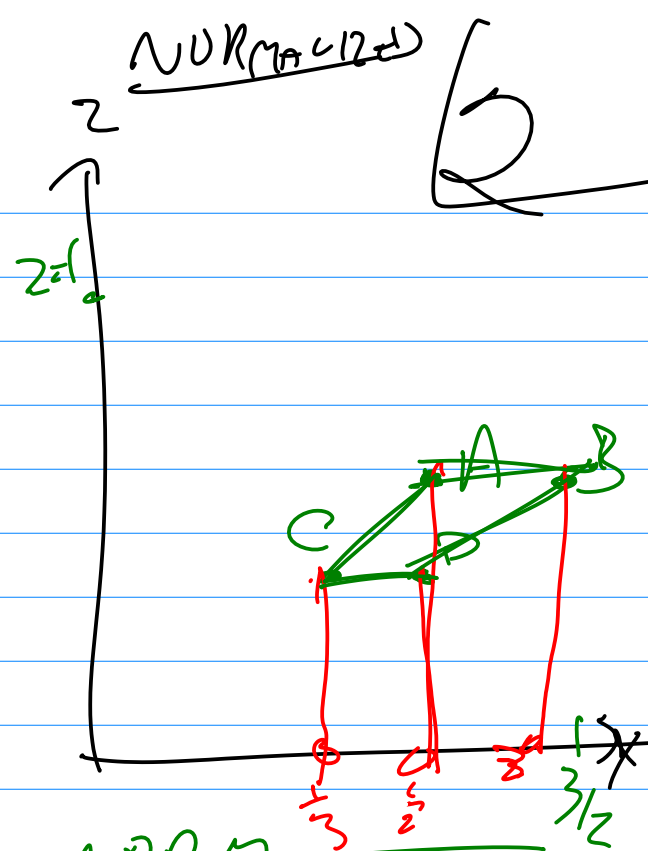
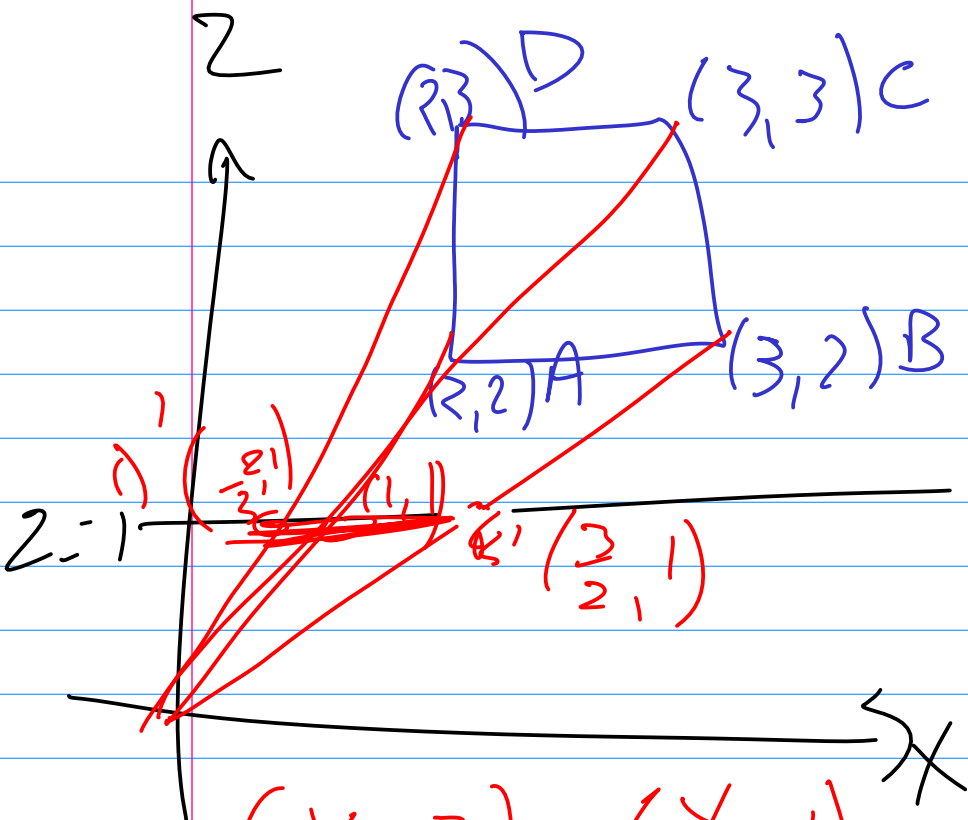
10/14/14-1

OBLIQUE

VIEW LINES
PROJECTORS

PROJ PLANE





$$(x, 2) \rightarrow \left(\frac{x}{2}, 1\right)$$

$$(2, 2) \rightarrow \left(1, \frac{1}{2}\right) \quad (3, 2) \rightarrow \left(\frac{3}{2}, \frac{1}{2}\right)$$

$$(2, 3) \rightarrow \left(\frac{2}{3}, \frac{1}{3}\right) \quad (3, 3) \rightarrow \left(1, \frac{1}{3}\right)$$

NORM

$$(x, 2) \rightarrow \left(\frac{x}{2}, \frac{1}{2}\right)$$

MAKE ~~(A)~~ $(x, 2) \rightarrow \left(\frac{x}{2}, \frac{1}{2}\right)$

A MATRIX -

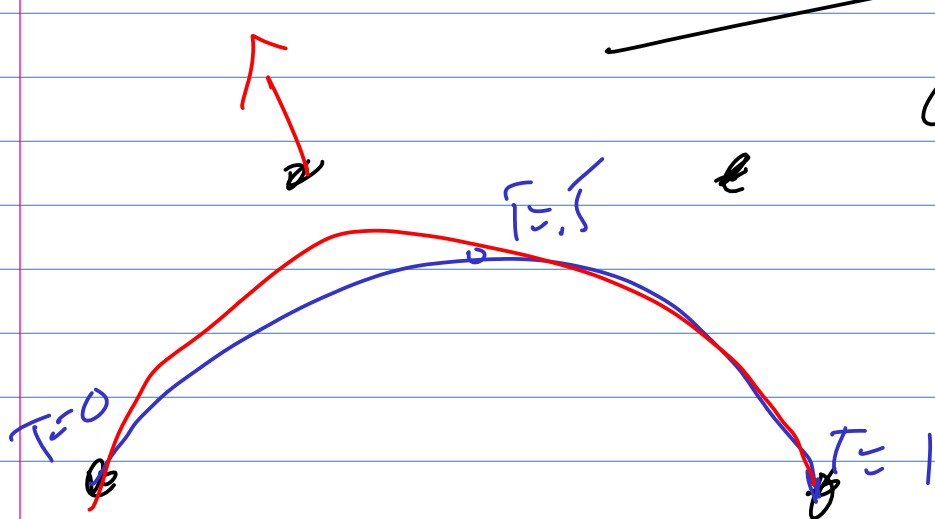
1ST PUT y IN $(x, y, 2) \rightarrow \left(\frac{x}{2}, \frac{y}{2}, \frac{1}{2}\right)$

MAKE (1,0,0)

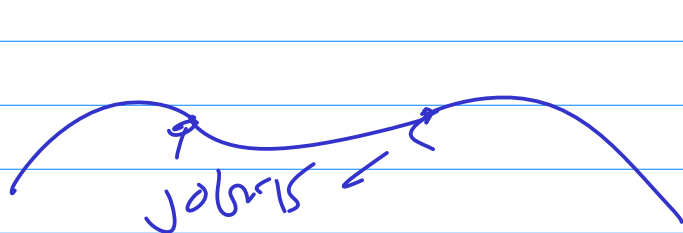
~~$(x, y, 2) \rightarrow \left(\frac{x}{2}, \frac{y}{2}, \frac{1}{2}\right)$~~

↑ B C ↑ H U P S

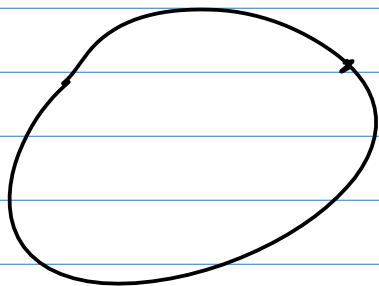
COMMON TECH CURVE SURFACE SPLINES



CONTROL
PTS
PARAMETRIC
CUBIC
BÉZIER
CURVE



NURBS



$$x(t) = \underline{\hspace{2cm}}$$

$$y(t) = \underline{\hspace{2cm}}$$

PARAMETRIC
POLYNOMIAL

$$(x, y, z)^4$$

