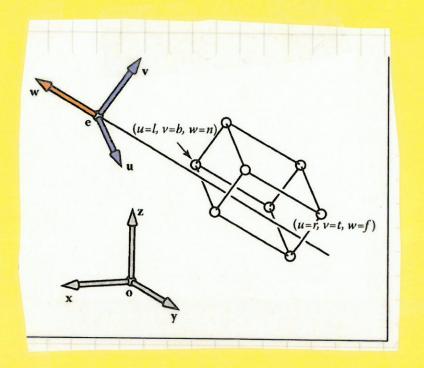
$$W = -\frac{g}{\|g\|} = \begin{bmatrix} \omega_{x} \\ \omega_{y} \\ \omega_{z} \end{bmatrix}$$

$$U = \frac{t \times \omega}{\|t \times \omega\|} = \begin{bmatrix} u_{x} \\ u_{y} \\ u_{z} \end{bmatrix}$$

$$V = \omega \times u = \begin{bmatrix} v_{x} \\ v_{y} \\ v_{z} \end{bmatrix}$$



Central Throbburg

portal productions of the state of the state

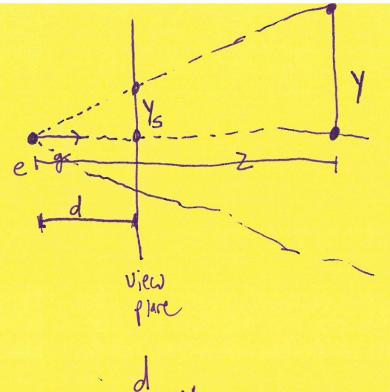
WXW EV

" put careera into the  $(TR)^{-1} = R^{-1}T^{-1}$ 

Result'

Typixel = Myp Morth Mamora [X]
zanovsica = Myp Morth Camera [Z]
1

the the world the TTY My Many gur



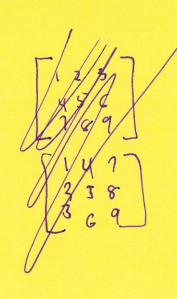
$$Y_S = \frac{d}{Z}Y$$

Linear trans: a, x+6, y+C, 2

affire trans: ax+6,y+C,2+d,

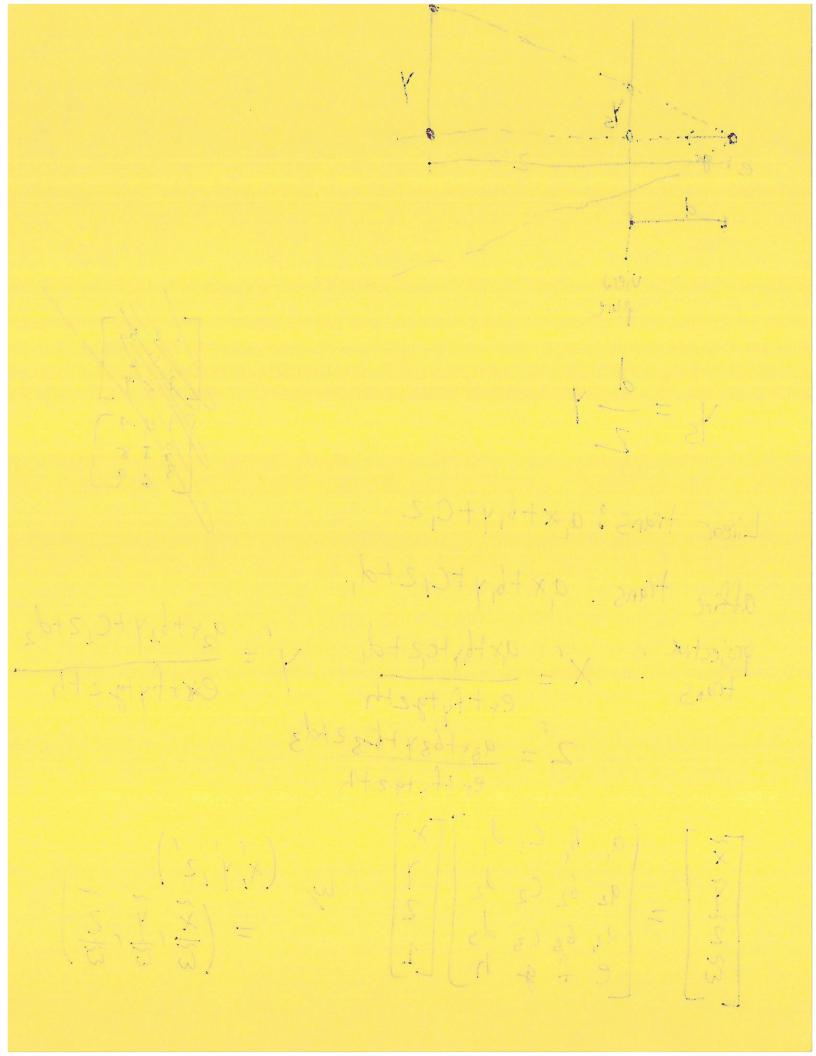
 $X' = \frac{a_{1} + b_{1} + c_{2} + d_{1}}{e_{1} + f_{1} + g_{2} + h}$ 

Y = extfytgzth  $2 = \frac{93x + 63y + k_3 z + d_3}{e_r + f_y + g_z + h}$ 



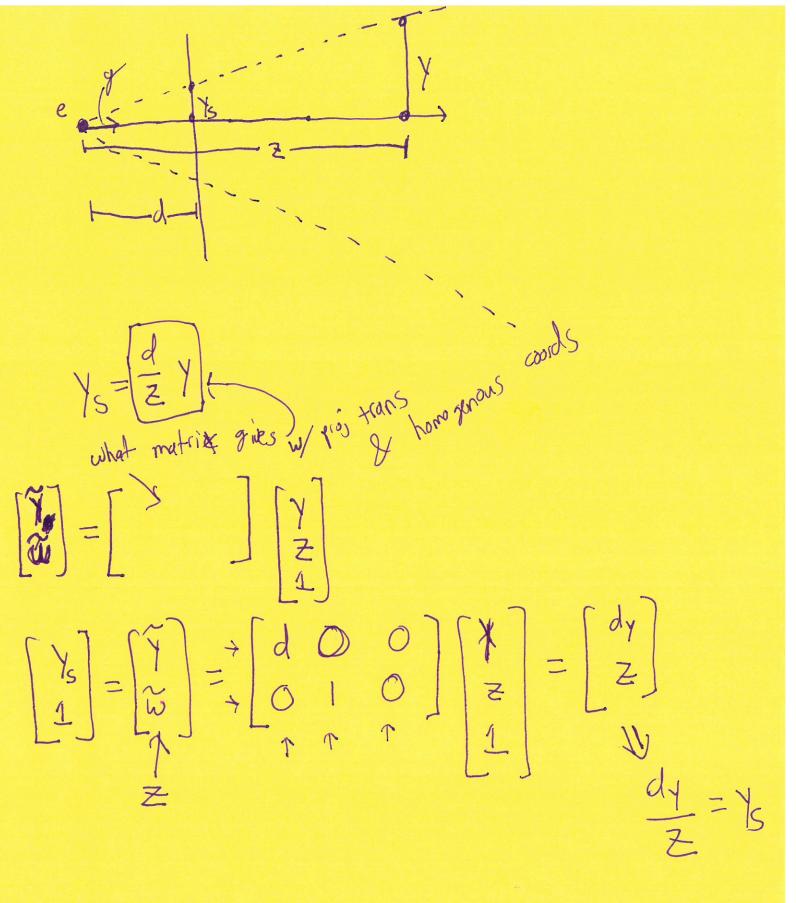
92x+62y+C12+d2

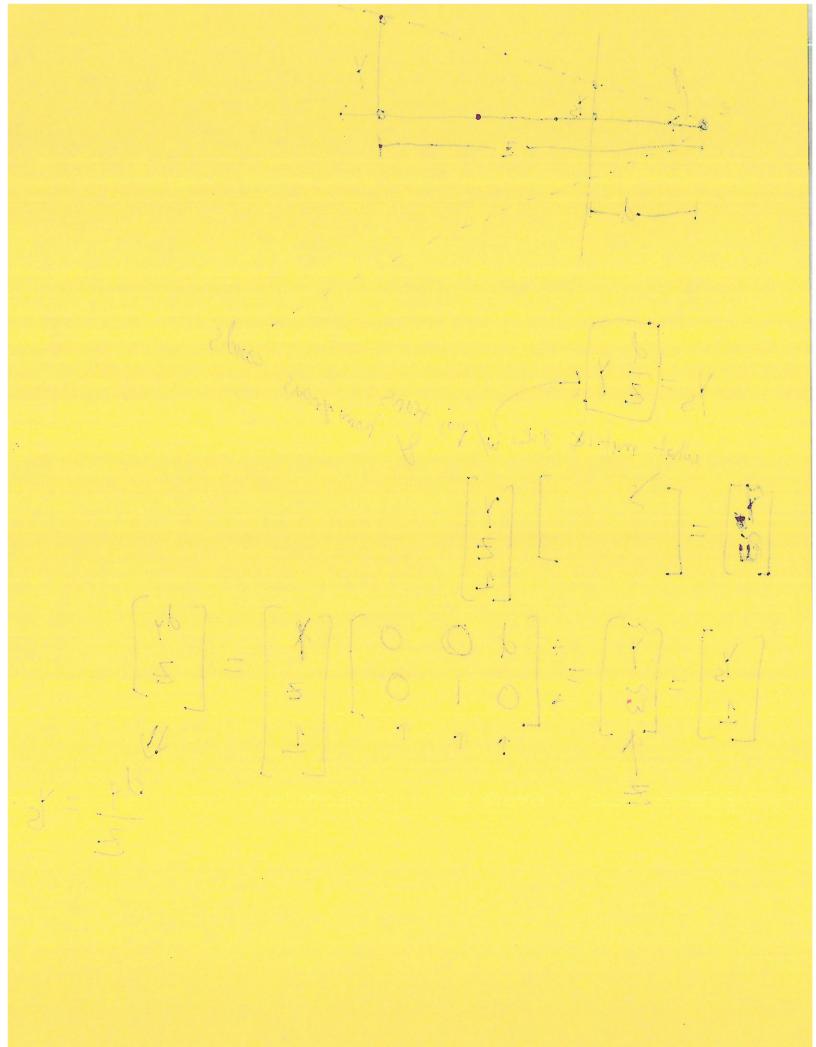
$$w_{j} \left( \frac{x_{j}' y_{j}' z_{j}'}{x_{j}' y_{j}' z_{j}'} \right) = \left( \frac{x_{j}' y_{j}' z_{j}'}{z_{j}' z_{j}'} \right)$$



$$\begin{bmatrix} 2 & 0 & -1 \\ 0 & 3 & 0 \\ 0 & \frac{3}{3} & \frac{1}{3} \end{bmatrix} \begin{bmatrix} 1 \\ 0 \\ \frac{1}{3} \end{bmatrix}$$

(8) aster on the No 1 (2 d) 





Most Morth Mpers = 
$$\frac{2\ln l}{r-l} = \frac{r+l}{r-l} = \frac{2\ln l}{t-l} = \frac{2\ln l}{t-l} = \frac{2\ln l}{t-l} = \frac{2\ln l}{\ln l} =$$

make nother micetion making 2=1 : 1895 place (view place) 2=f; for plane MANAGER O O O O = 0999 111 9 CH id -Phones 3 4010 2709 MINON = 27-43099 M and Many into property MAN DESTRUCTION PROPERTY AND THE SAME All grid W J. Harry