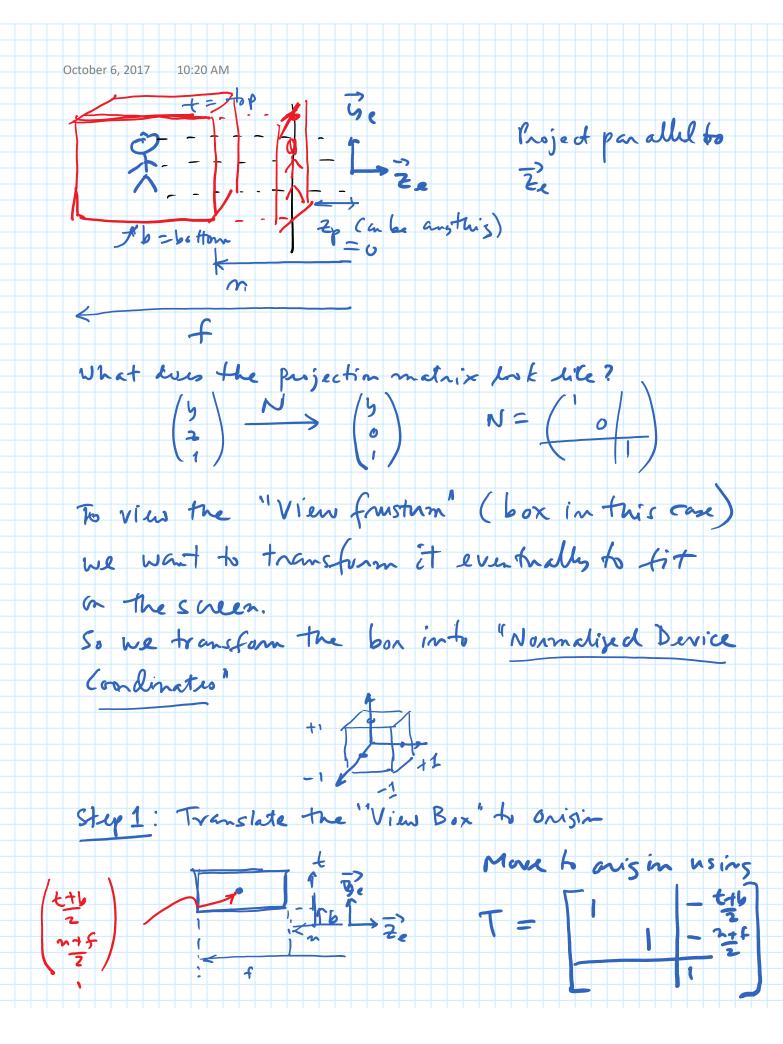
Cameras & Projection The textbook discussion is different from mine To simplify precentation, mostly bok at 2D x will be have simila to y $\bar{p} = \begin{pmatrix} y_{\mathbf{r}} \\ z_{\mathbf{p}} \end{pmatrix} = \frac{2}{3} \quad z_{\mathbf{p}} = -1 \quad 6y \quad design$ $y_{\mathbf{r}} = -y \quad became \quad y_{\mathbf{r}} = -1$ This is a non-linear transform! (Similar triagles) Good News: homogeneous coordinates can handle & Orthographic Projection - simple than the perspective / central projection - We'll convert central projection into - Useful in applications in Machitecture and Engineering



uspective October 6, 2017 Projective Transformation ("unhinging" transfer) Depth information is retained, even though distorted