Zhang's method: frecisely know direction of may
of the 3D foint corresponding
to 2D fixel Sormal of checkerboard is Z-anis Checkerboard points are now fully known - Crossing Clastiles Assume z-coordinate = 0 for all Constraints - Onthogonality of 9,6,92 1/9,1/= 1/9,1/=1 and 9,79, =0 Atleast 3 views of checkerboard We get back K and entrinsics as required Process so for disregards non-linear ens distortions. lens distortions Least squares to estimate - These can be used to correct distortion $-\frac{a_{k(n,q)}}{pinel} = \begin{bmatrix} 0 & b_{n(n,q)} \\ 0 & b_{n(n,q$ Distortion params Checkerboard fathern can be corrected to ensure straight lines