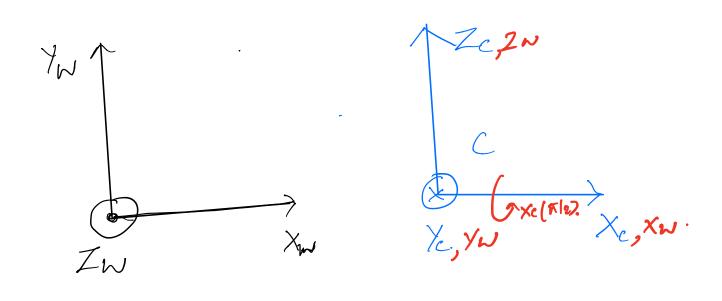
Euler Angles: Some examples with Euler Angles | Rotation Matrice



- 1) Assume miteally that Wand Care aligned.
- 2). The actual W is obtained by

notating about X by T/2.

B)
$$R_{W}^{C} = R_{X_{C}}(R/2) = \begin{cases} 1 & 0 & 0 \\ 0 & cR_{2} - sR_{2} \\ 0 & sR_{2} & cR_{2} \end{cases}$$

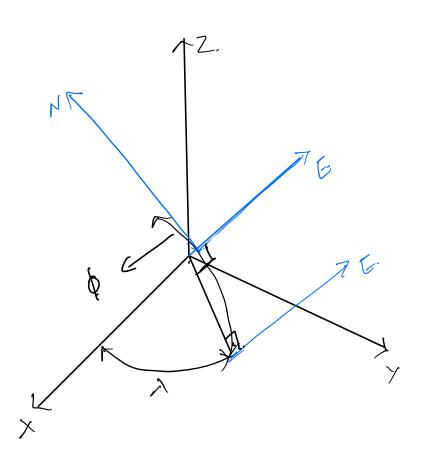
$$= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & -1 \end{bmatrix} \longrightarrow (1).$$

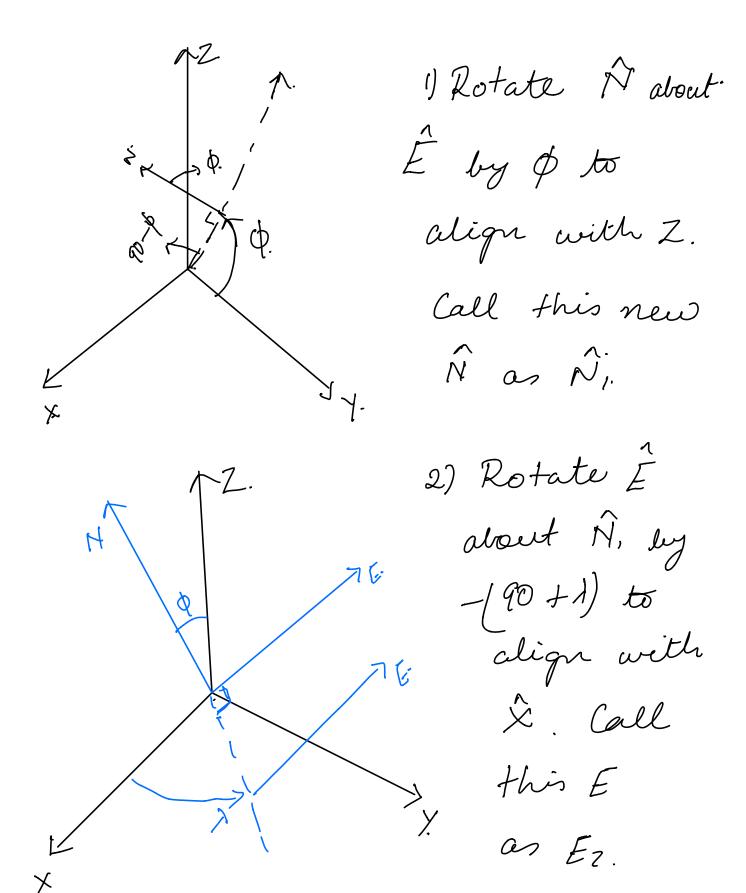
Let the woold origin W be at.

Then Tw = \[\begin{aligned} & 1 & 0 & 0 & 1 \\ & 0 & 0 & -1 & 0 \\ & 0 & 0 & 0 & 1 \end{aligned} \]

Let MP le a point on a building as seen from W

Now note that the camera frame also typically has a solution about the gravity ares (Ye). or a you. Then $2^{\circ}_{N}/7^{\circ}_{N}$ should take care of that





Then
$$R_{XYZ}^{ENU} = R_{ENU}^{ENU}$$
, R_{ENU}^{ENU} , R_{ENU}^{ENU} , R_{ENU}^{ENU} , R_{ENU}^{ENU} , $R_{XYZ}^{ENU} = R_{E}(p)$. R_{N} , R_{N} , R_{N} , R_{N} .