x m f: Mother / roll

y m f: Micken / pitels

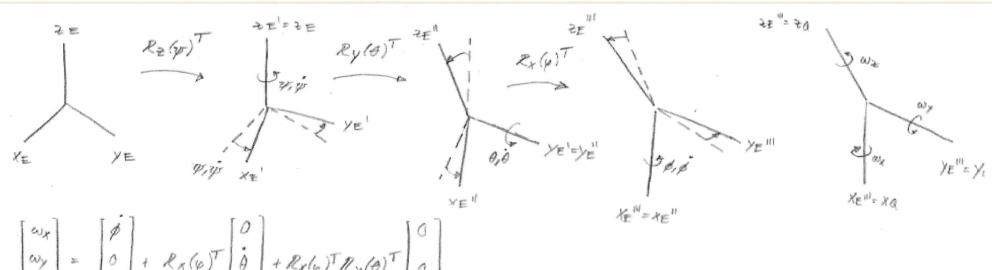
2 m y: fieren / yan

coly + could

ST - COE ET

Regiletten in Quadrokeyler - Ethere

842 = (0 1 0) - 87



$$\begin{bmatrix} \omega_{x} \\ \omega_{y} \\ \omega_{x} \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix} + R_{x}(\varphi)^{T} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix} + R_{x}(\varphi)^{T} R_{y}(\theta)^{T} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}$$

Her libering Transfermation wiskelgevelow.

$$\frac{1}{|\omega_x|} = \begin{bmatrix} 1 & 0 & -s\theta & |\phi| \\ 0 & c\phi & c\theta s\phi & |\phi| \\ 0 & -s\phi & c\theta c\phi & |\psi| \end{bmatrix}$$

$$\begin{vmatrix}
\dot{\theta} \\
\dot{\theta}
\end{vmatrix} = \begin{vmatrix}
1 & (s \neq s \theta)/c \theta & (c \neq s \theta)/c \theta & w_X \\
\dot{\psi}
\end{vmatrix} = \begin{vmatrix}
0 & c \neq & -s \neq & w_X \\
0 & s \neq /c \theta & c \neq /c \theta
\end{vmatrix} = \begin{vmatrix}
0 & c \neq & c \neq & c \theta \\
0 & s \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix} = \begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix} = \begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix}$$

$$\begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix} = \begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix}$$

$$\begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix}$$

$$\begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix}$$

$$\begin{vmatrix}
0 & c \neq & c \theta \\
0 & s \neq & c \theta
\end{vmatrix}$$

$$g_{i} = \omega_{i} + \beta_{g_{i}} + w_{g_{i}}$$

$$f_{g_{i}} = -\frac{1}{C_{g_{i}}} \beta_{g_{i}} + w_{\beta_{g_{i}}}$$

$$i = x_{i}x$$

$$\dot{\beta} = \omega_{x} + \sin \beta \cdot \tan \beta \cdot \omega_{x} + \cos \beta \cdot \tan \beta \cdot \omega_{x}$$

$$\dot{\theta} = \cos \beta \cdot \omega_{y} + \sin \beta \cdot \omega_{x}$$

$$\dot{g} = (g_X - g_{g_X} - w_{g_X}) + \sin \phi \cdot \tan \theta \cdot (g_Y - g_{g_Y} - w_{g_Y}) + \cos \phi \cdot \tan \theta \cdot (g_Z - g_{g_Z} - w_{g_Z})$$

$$\dot{\theta} = \cos \phi \cdot (g_X - g_{g_X} - w_{g_X}) + \sin \phi \cdot \tan \theta \cdot (g_Y - g_{g_Y} - w_{g_Y})$$