T = (SILY3 GOS XI SILAZ SILAZ SILAZ SILAZ SILAZ SILAZ SILAZ SILAZ SILAZ $T^{-1} = \frac{1}{S_1 L Y_1 S_1 L Y_2 S_1 L Y_3} \begin{pmatrix} S_1 L Y_1 S_1 L Y_2 & - COS Y_1 S_1 L Y_2 \\ O & S_1 L X_3 \end{pmatrix}$ $A = \overrightarrow{T} \overrightarrow{T}^{-1} = \frac{1}{\sin \alpha_1 \sin \alpha_2 \sin \alpha_3} \left(\frac{\sin \alpha_3}{\cos \alpha_1 \sin \alpha_2} \cos \alpha_2 \sin \alpha_2 - \cos \alpha_1 \sin \alpha_2}{\cos \alpha_1 \sin \alpha_2 \cos \alpha_2 \sin \alpha_3} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \sin \alpha_3} \cos \alpha_3 \cos \alpha_4 \sin \alpha_2}{\cos \alpha_1 \cos \alpha_2 \cos \alpha_3} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_3 \cos \alpha_4 \cos \alpha_2}{\cos \alpha_1 \cos \alpha_2} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_3 \cos \alpha_4 \cos \alpha_2}{\cos \alpha_1 \cos \alpha_2} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_3 \cos \alpha_4 \cos \alpha_2}{\cos \alpha_1 \cos \alpha_2} \cos \alpha_3 \cos \alpha_3 \cos \alpha_4 \cos \alpha_4} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_3 \cos \alpha_4}{\cos \alpha_1 \cos \alpha_3} \cos \alpha_3 \cos \alpha_4} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_3 \cos \alpha_4}{\cos \alpha_1 \cos \alpha_2} \cos \alpha_3 \cos \alpha_4} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_4} \cos \alpha_3 \cos \alpha_4}{\cos \alpha_1 \cos \alpha_3} \cos \alpha_4} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2 \cos \alpha_3} \cos \alpha_4} \cos \alpha_3}{\cos \alpha_1 \cos \alpha_3} \cos \alpha_4} \cos \alpha_4} \right) \left(\frac{\sin \alpha_1 \sin \alpha_2}{\cos \alpha_2} \cos \alpha_3} \cos \alpha_4} \cos \alpha_5} \cos$ = 1 SLK, SNK2SNK3 | SING, SING3 - COS KASIN X2 SIN X3+ COSTASINAS O SIN Q, SIN Q2 SIN X3 Det A = Sind, Sind, Sind,

[lef
$$\lambda_1, \lambda_2$$
 be the shoular values of A_1 so the legannalues of $A \neq A$ are λ_1, λ_2 of A_1 so the Singular whole vo A_2 .

Eigenvalue vo $A \neq A$ and λ_1, λ_2 .

$$\frac{\lambda_1}{\lambda_2} + \frac{\lambda_2}{\lambda_1} = \frac{\lambda_1 + \lambda_2}{\lambda_1 \lambda_2} = \frac{Tr}{Det} \frac{A + A}{A}$$

$$= \frac{\sin^2 \alpha_1 \sin^2 \alpha_2 \sin^2 \alpha_3}{\sin \alpha_1 \sin \alpha_2 \sin^2 \alpha_3} \frac{Tr}{\sin \alpha_1 \sin^2 \alpha_2 \sin^2 \alpha_3} \frac{Tr}{\sin \alpha_1 \sin^2 \alpha_2 \sin^2 \alpha_3} \frac{Tr}{\cos \alpha_1 \sin^2 \alpha_2 \sin^2 \alpha_3} \frac{$$

= cota, cotã, + cota, cotã,

$$\frac{1}{2}\left(\frac{\lambda_{1}}{\lambda_{2}}+\frac{\lambda_{2}}{\lambda_{1}}\right)=\frac{1}{2}\begin{pmatrix}\cot x_{1}\\\cot x_{2}\\\cot x_{3}\end{pmatrix}\begin{pmatrix}0&1&1\\1&0&1\\1&0&0\end{pmatrix}\begin{pmatrix}\cot x_{1}\\\cot x_{2}\\\cot x_{3}\end{pmatrix}$$

Dreich wit whele &, or, or, or abbildet.

Singularmente and Belliani-koeffiziet

$$f(z) = az + 6\overline{z}$$

$$OBOLA a > 0, 5 > 0.$$

$$[betrackle eight (eight)]$$

$$f(x+iy) = (a+5)x + i(a-5)y = (a+5)(a+5)(a+5)y$$

$$Significantle: \lambda_1 = a+6 > a-5 = \lambda_2, a(a a = \frac{1}{2}|\lambda_1 + \lambda_2)$$

$$Bethren: - icell bet betray $|\mu| = \frac{1}{a} = i df$

$$M = \frac{\lambda_1 - \lambda_2}{\lambda_1 + \lambda_2}, \frac{\lambda_1}{\lambda_2} = \frac{1+|\mu|}{1-|\mu|} = i Df$$

$$Allfors, lectures on quasinof, teeps$$

$$f heißt $K-quasiharbar, lectures$

$$C = |\mu| \le k = \frac{K-1}{k+1}$$

$$\frac{1}{2}(\frac{\lambda_1}{\lambda_2} + \frac{\lambda_2}{\lambda_1}) = \frac{1+|\mu|^2}{1-|\mu|^2}, |\mu|^2 = \frac{\frac{1}{2}(\frac{\lambda_1}{\lambda_2} + \frac{\lambda_2}{\lambda_1}) - 1}{\frac{1}{2}(\frac{\lambda_1}{\lambda_2} + \frac{\lambda_2}{\lambda_1}) + 1}$$$$$$