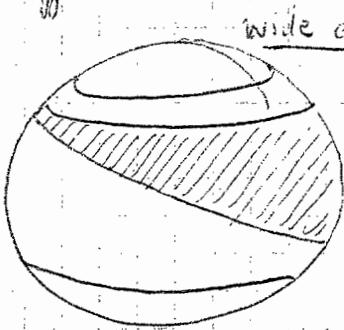


experimental  $\bar{V}$  may be slightly outside...

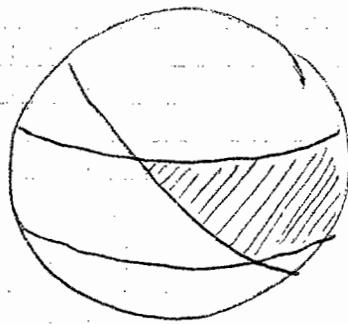
Different cases:



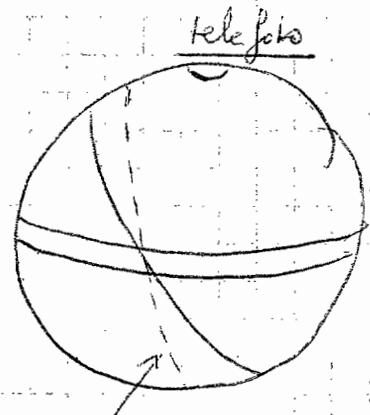
strongest:

very sensitive to  $w$  changes.

(COR is in FOV)



COR outside FOV



change in  $w$  does not impact  $\bar{V}$  area!

② Translation case:

$$\underline{\bar{s}} = -E_t \underline{s}$$

Again:  $\underline{s} \cdot \underline{t} = -\left(\frac{-\underline{s} \cdot \underline{t}}{z}\right) \underline{s} \cdot \underline{t} \geq 0$  (if  $z > 0$ )

Thus:  $0 < \angle(\underline{s}, \underline{t}) < \frac{\pi}{2}$

③ Rotation & Translation

6 DOF parameters space

coupling between



equal error surface in 6D  $\underline{t}, \underline{\omega}$

$$\begin{array}{l} U \leftrightarrow B \\ V \leftrightarrow A \end{array}$$

