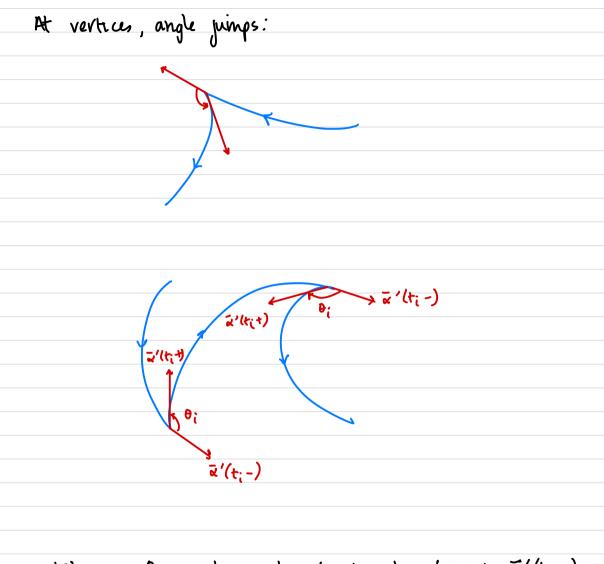
Goal: measure "turning" of tangents.
Sps S is oriented, compatible with orientation
induled by
$$(\bar{x}, U)$$

 \bar{x}_{u} \bar{y}_{u} \bar{y}_{u} \bar{y}_{u}
 \bar{x}_{u} \bar{y}_{u} \bar{y}_{u} \bar{y}_{u}
 \bar{x}_{u} \bar{y}_{u} \bar{y}_{u} \bar{y}_{u}
Along each arc $\bar{z}|_{let}$
 f_{t}, t_{tn}
 $e_{i}: [t_{i}, t_{in}] \rightarrow [0, 2\pi)$ measure angle
 $e_{i}\bar{z}'(t)$ than \bar{x}_{u} , measure accountervise
 $e_{i}\bar{z}'(t)$ than \bar{x}_{u} , measured ccw when
bolding from "above" down N.

So $\varphi_i(t_{i+1}) - \varphi(t_i)$ measures turning of tangents on its arc.



Let $-\pi < \theta_i < \pi$ be angle b/w incoming tangent $\overline{\alpha}'(t_i -)$ and $\bar{\alpha}'(t_i +)$ measured first to second, sign determined by lodience from "above" down N. θ_i is called the external angle at $\tilde{\kappa}(t_i)$

