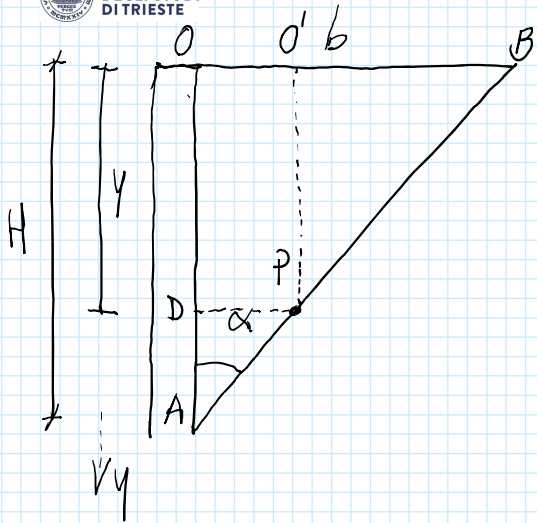




UNIVERSITÀ
DEGLI STUDI
DI TRIESTE

17/11/2025 Prof.
Ing. Zanetti

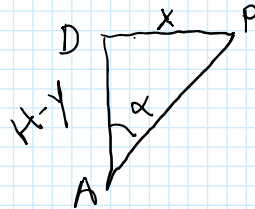


T. seni

$$\frac{OB}{\sin \alpha} = \frac{OA}{\cos \alpha} = \frac{AB}{\sin 90^\circ} \rightarrow OB = H \tan \alpha$$

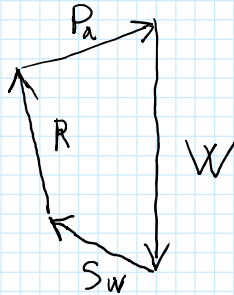
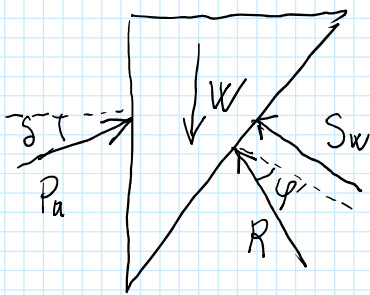
$$AB = \frac{H}{\cos \alpha}$$

Triangolo ad un punto qualsiasi lungo la sup. di scorrimento:



$$\frac{AP}{\sin 90^\circ} = \frac{x}{\sin \alpha} = \frac{H-y}{\cos \alpha}$$

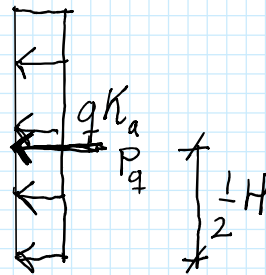
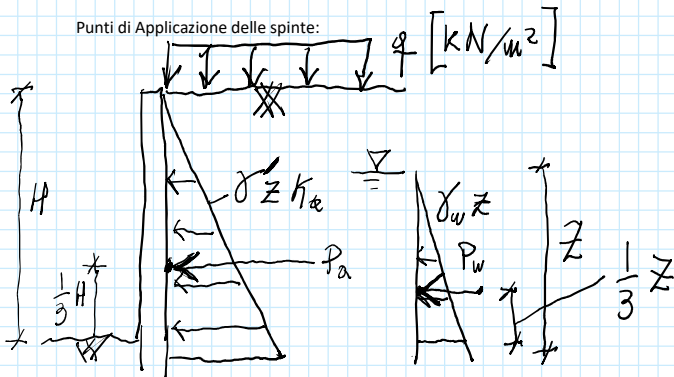
$$x = (H-y) \cdot \tan \alpha$$



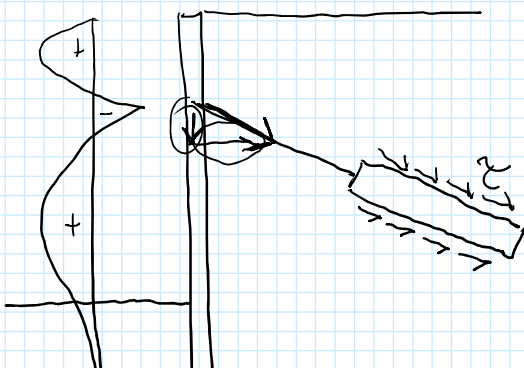
In assenza di acqua per falda freatica o acqua piovana:



Punti di Applicazione delle spinte:

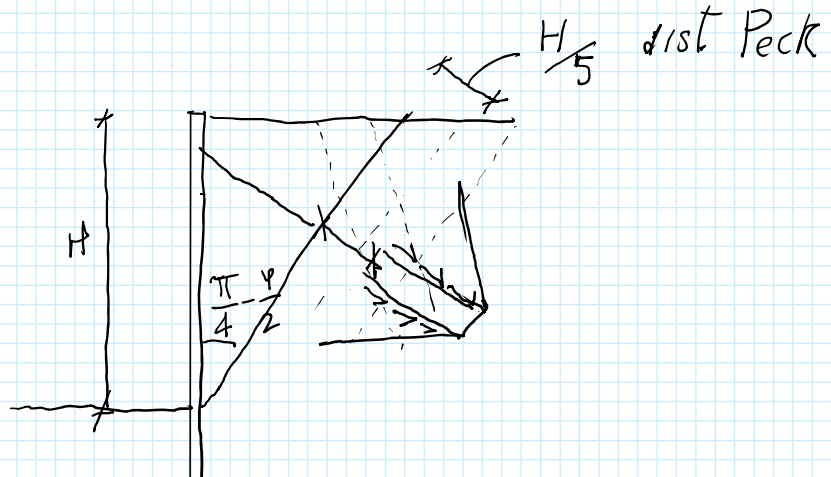


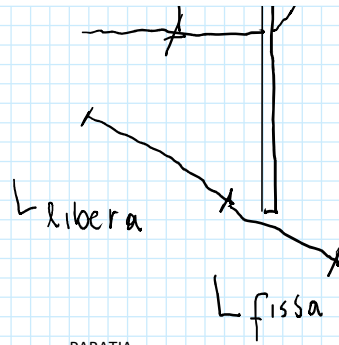
$$P_{a \text{ tot}} = \sum_{i=0}^n P$$



$$\sum F_v = 0$$

$$\sum F_H = 0$$





Stato Limite Stabilità globale del complesso opera di sostegno-terreno

MURO DI SOSTEGNO A MENSOLA

