

LEZIONE 17-18

componente radiale non trascurabile

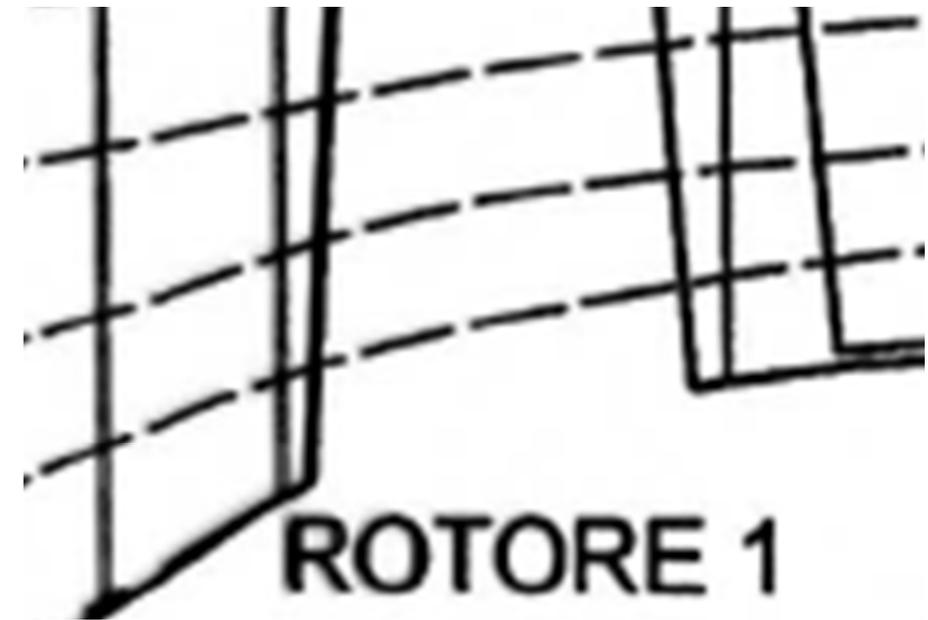
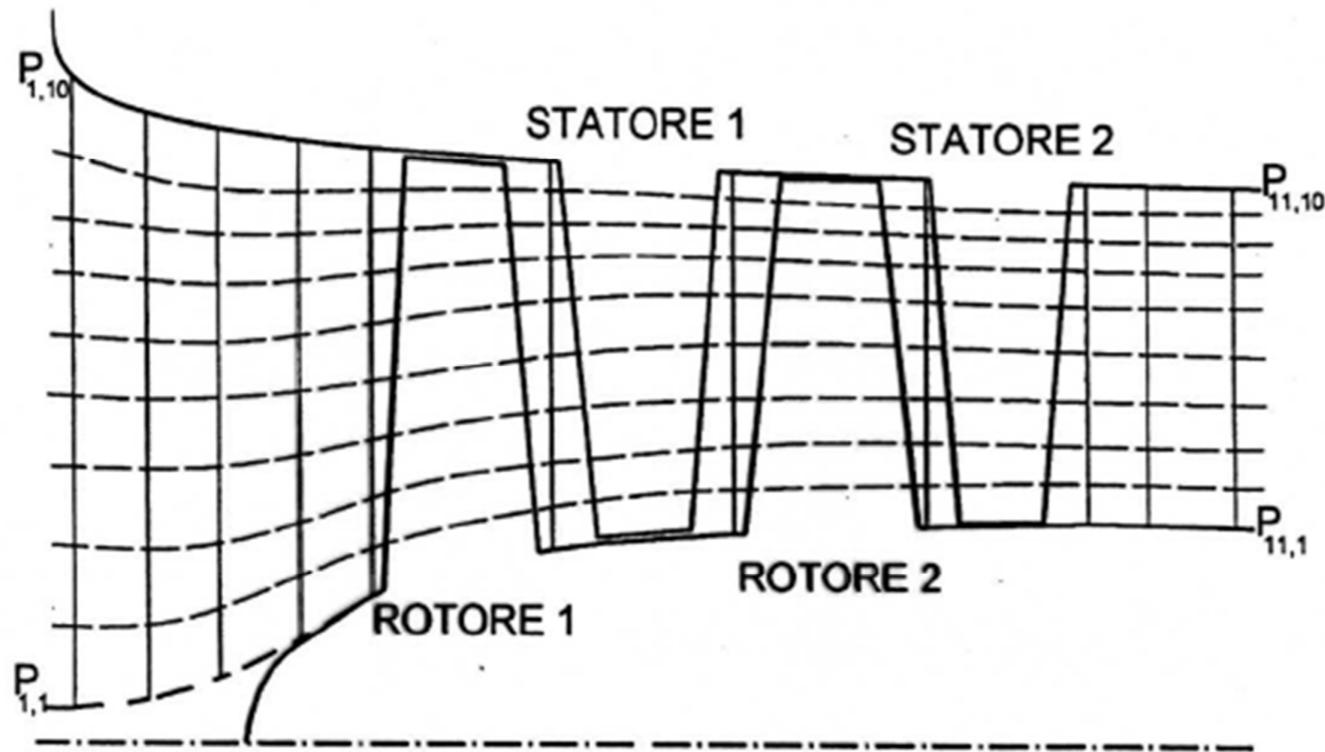
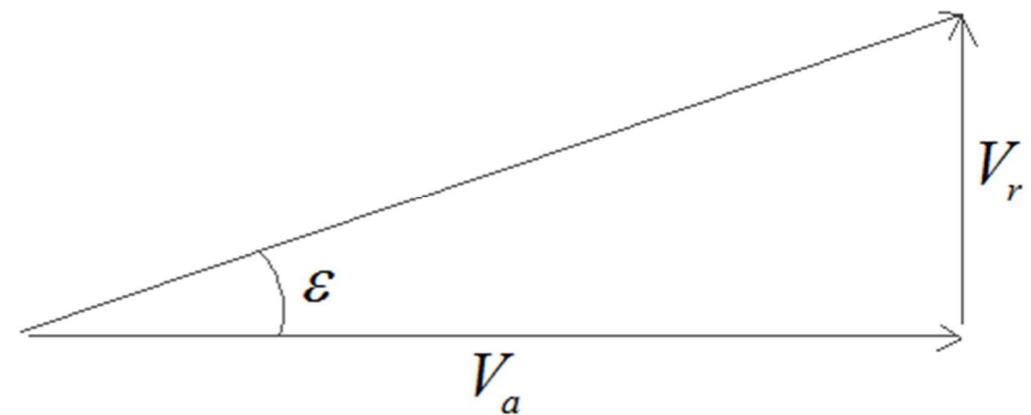
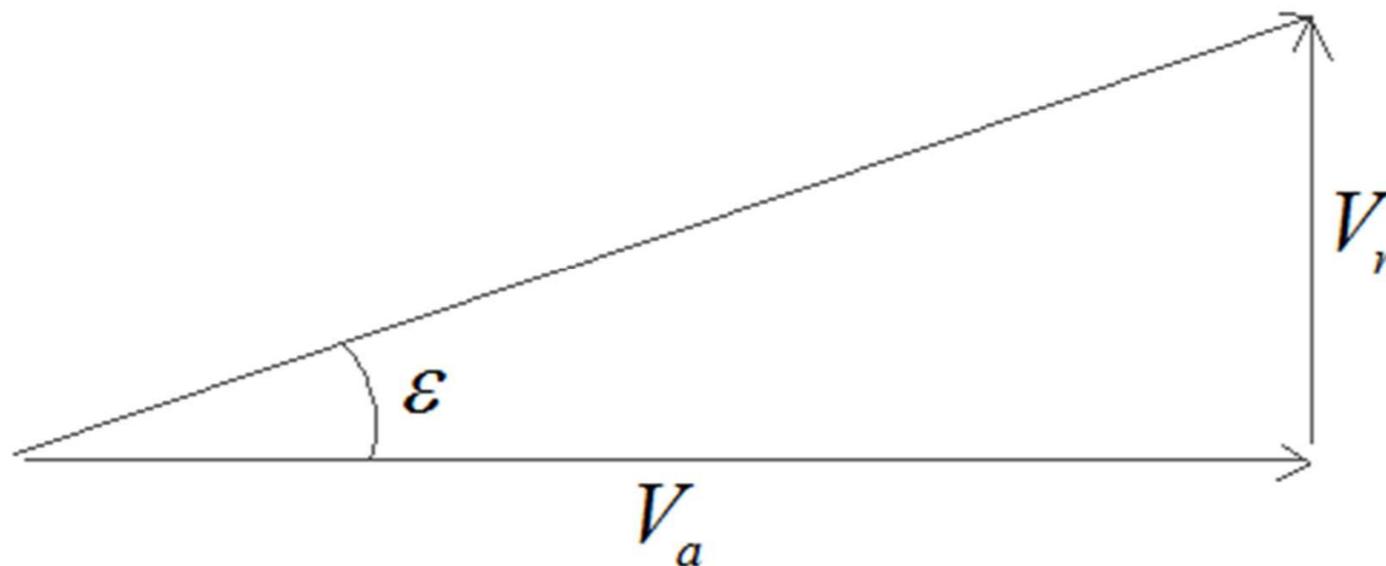
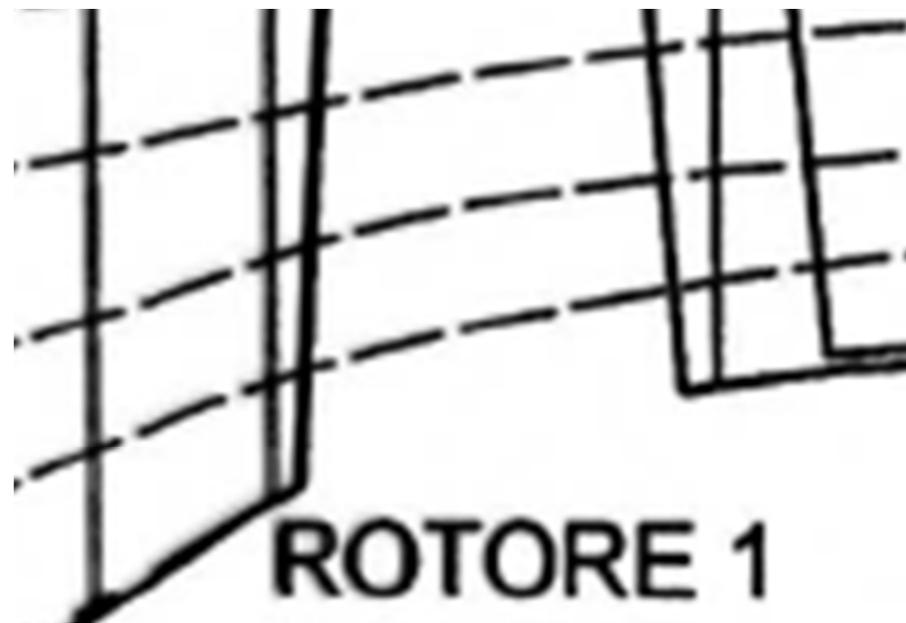


Figura 5.31: Reticolo di calcolo quasi-3D per un compressore assiale bist.



$$\frac{dh_0}{dr} - T \frac{ds}{dr} = V_a \frac{dV_a}{dr} - \boxed{V_a \frac{dV_r}{dz}} + \frac{V_t}{r} \frac{d}{dr} (V_t \cdot r)$$

Angolo palettatura costante

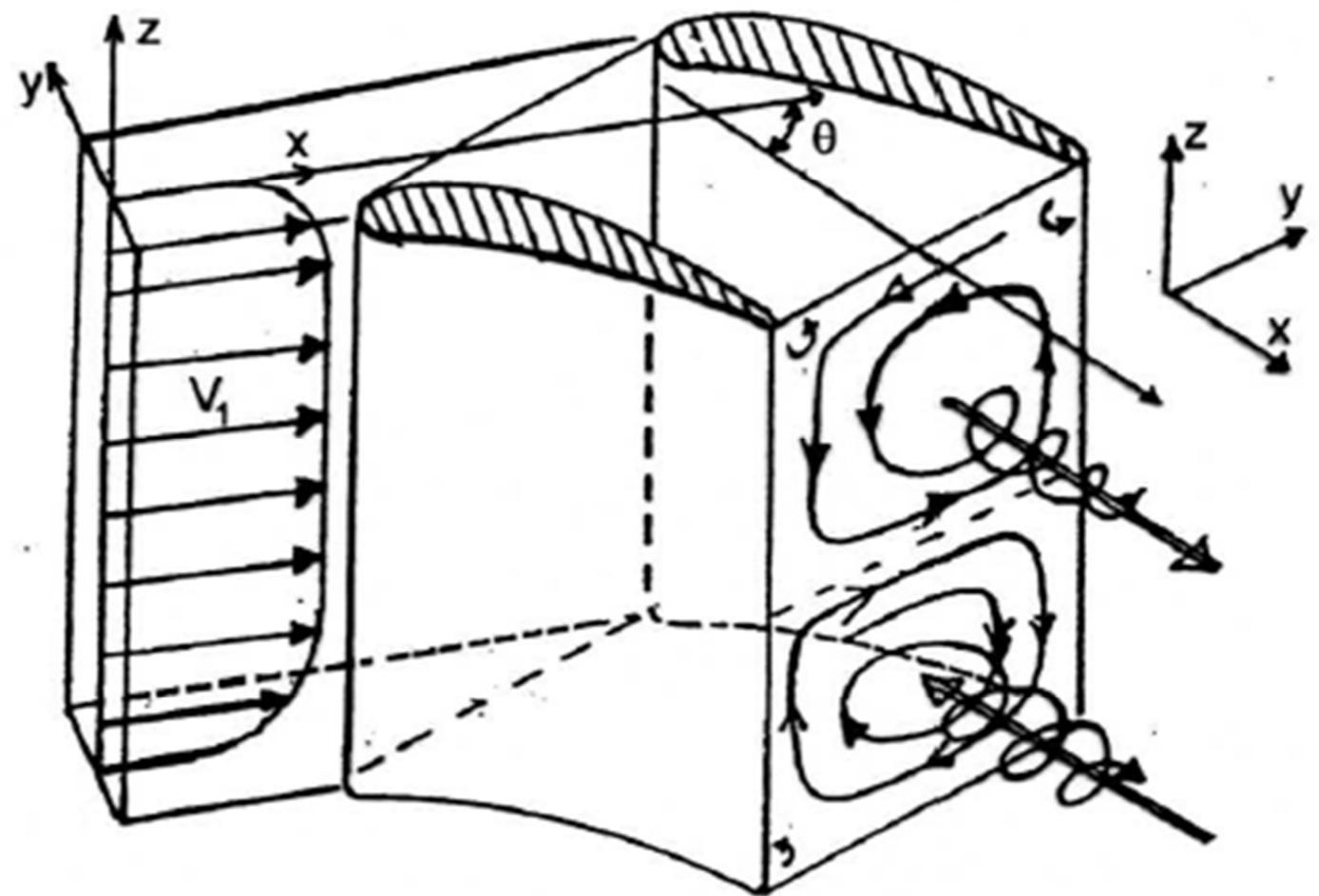
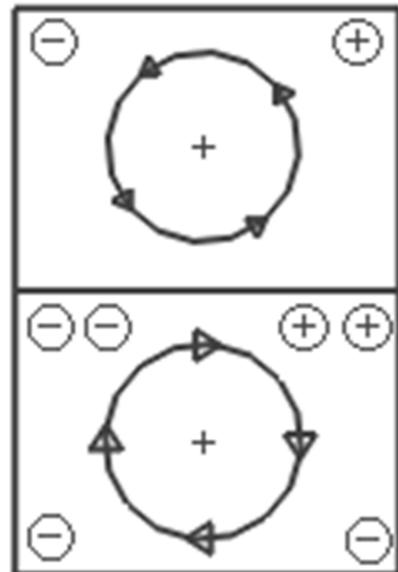


moti secondari

- Vortici di passaggio
- Vortici a ferro di cavallo
- Vortici al bordo di uscita
- Vortici di passaggio e di trafilamento

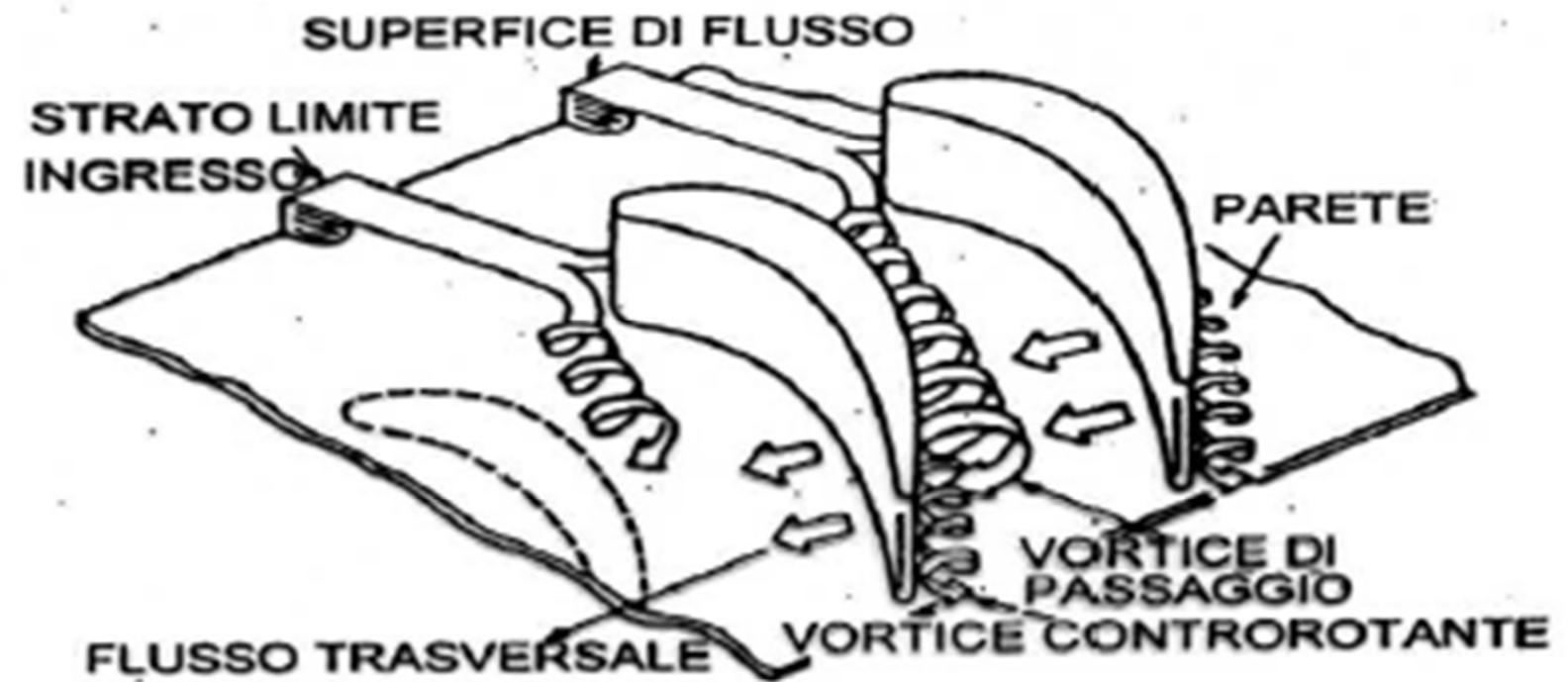
moti secondari

Vortici di passaggio



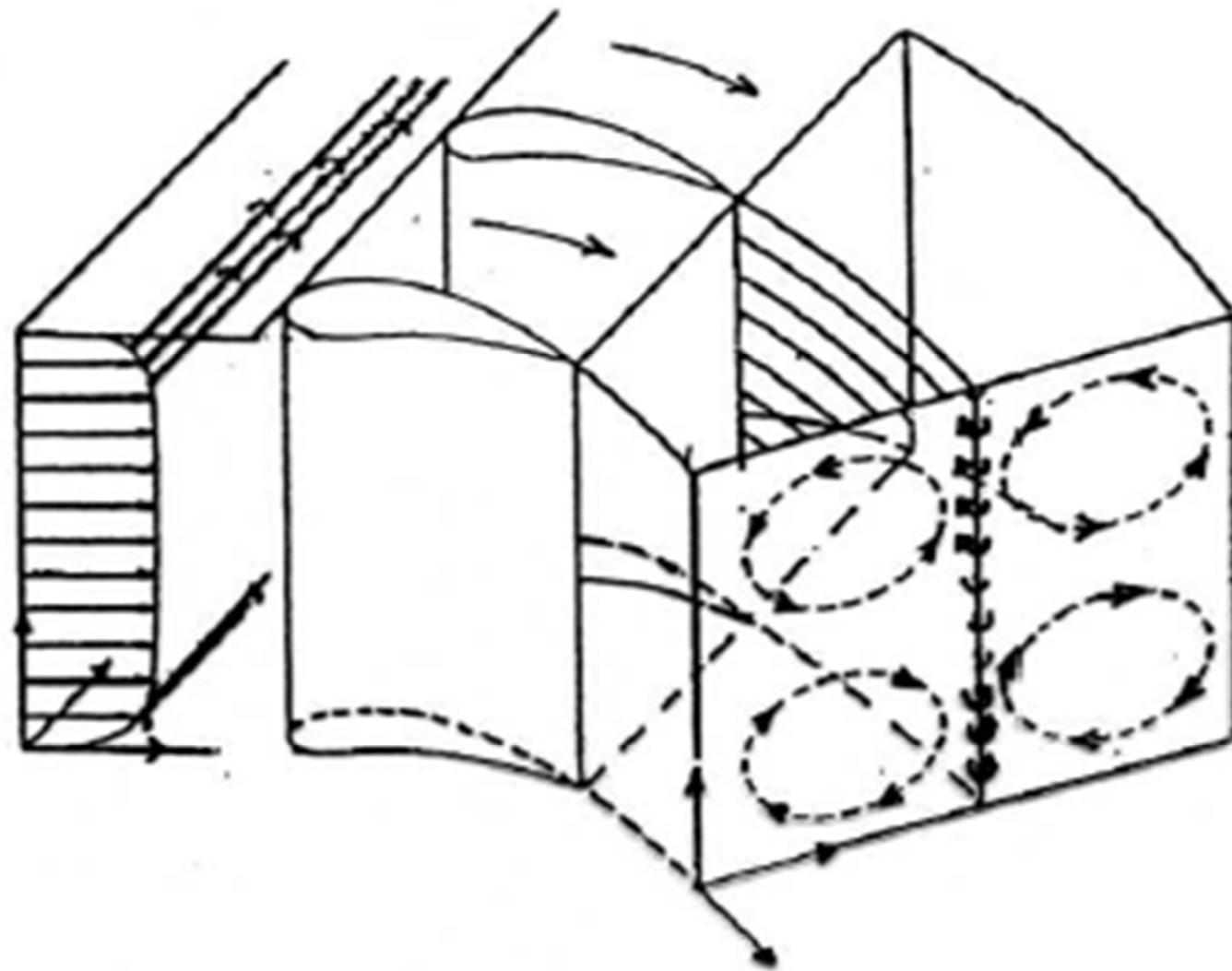
moti secondari

Vortici a ferro di cavallo



moti secondari

Vortici secondari a valle del bordo d'uscita



moti secondari

Vortici di passaggio e di trafilemento

