Lezione venerdì 18 settembre 2020

venerdì 18 settembre 2020 11:27

· ULTIMA LEZIONE

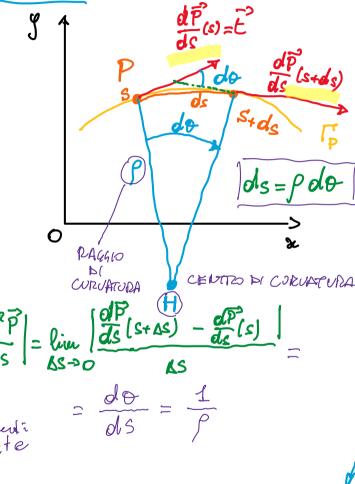
- VELOCITA'

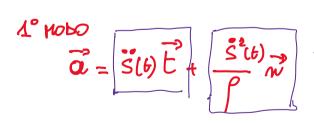
DEF:
$$\vec{a} = \frac{d\vec{p}}{dt} = \frac{d}{dt} \frac{d\vec{p}}{dt}$$

$$\vec{a} = \frac{d}{dt} \left(\frac{d\vec{p}}{ds} \frac{ds}{dt} \right)$$

$$\vec{a} = \frac{d\vec{p}}{ds} \frac{d^2\vec{p}}{dt^2} \left(\frac{ds}{dt} \cdot \frac{ds}{dt} \right)$$

$$\vec{b} = \frac{d\vec{p}}{ds} \frac{d^2\vec{p}}{dt^2} \left(\frac{ds}{dt} \cdot \frac{ds}{dt} \right)$$





ATTENSIONE

$$\vec{a}_t$$
 Fre $\vec{s} \neq 0$
Se \vec{v} : contaite => $\vec{a}_t = 0$

$$\tilde{Q}_{n}$$
 \tilde{f} se $\rho < \infty$

$$\tilde{Q}_{n} = \frac{1}{\rho} = 0 = \tilde{Q}_{n} = 0$$

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2° HODD PAPPRESENTATIONE CAPPESIANA

$$\vec{a} = \frac{d\vec{v}}{dt} = \frac{d}{dt} \left(\vec{x} \vec{v} + \vec{y} \vec{j} \right) = \vec{x} (t) \vec{v} - \hat{y} (t) \vec{j}$$

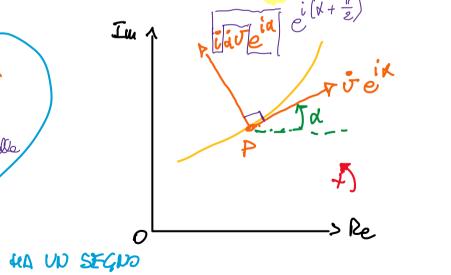
3° HODO RAPPRESENTAZIONE UEL PIANO DI GAUSI

$$\alpha = \alpha_{pp} + i \alpha_{pp}$$

L' MODO MOTA ZIONE POLARE

$$\vec{a} = \frac{d\vec{v}}{dt} = \frac{d}{dt} \left(\vec{v} e^{id} \right) = \vec{v} e + i \vec{d} \vec{v} e$$

directle resolution of the contraction of the con



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