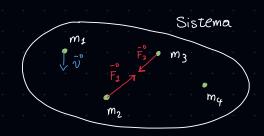
1)
$$\overline{F} = m \cdot \overline{\alpha}$$

2)
$$M = \frac{dL}{dt}$$



$$\vec{F}_{TOT} = \sum_{i} \vec{F}_{i}$$
 For ze interne $-b \sum_{i} \vec{F}_{inT}$
For ze esterne $-b \sum_{i} \vec{F}_{ext}$

masse

$$L_{\text{DM}_{\text{TOT}}} = \mathcal{E}_{i} M_{i}$$
, $\bar{\alpha}_{\text{TOT}} = \mathcal{E}_{i} \bar{\alpha}_{i}$

$$=b \sum_{i} \vec{F}_{inT}^{o} + \sum_{i} \vec{F}_{ext} = \sum_{i} m_{i} \vec{\sigma}_{i} = b$$

$$=b \sum_{i} \vec{F}_{inT}^{o} + \sum_{i} \vec{F}_{ext}^{o} = \sum_{i} m_{i} \vec{\sigma}_{i} = b$$

$$= b \sum_{i} \vec{F}_{inT}^{o} + \sum_{i} \vec{F}_{ext}^{o} = \frac{d\vec{P}_{tot}}{dt}$$

$$= b \sum_{i} \vec{F}_{inT}^{o} + \sum_{i} \vec{F}_{ext}^{o} = \frac{d\vec{P}_{tot}}{dt}$$

$$= b \sum_{i} m_{i} \cdot d\vec{v}$$

$$= b \sum_{i} m_{i} \cdot d\vec{v}$$

$$= b \sum_{i} \vec{F}_{inT}^{o} + \sum_{i} \vec{F}_{ext}^{o} = \frac{d\vec{P}_{tot}}{dt}$$

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$$= b \sum_{i} \vec{F}_{i}^{o} + \sum_{i} \vec{F}_{ext}^{o} = \frac{d\vec{P}_{tot}}{dt}$$

$$= b \sum_{i} \vec{F}_$$

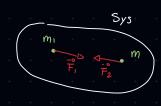
$$= b \left(\sum_{i} \vec{F}_{inT}^{b} + \sum_{i} \vec{F}_{exe} = \frac{d\vec{P}_{TOT}}{dt} \right)$$

$$\mathcal{P} = m \cdot \vec{v} = 0 \quad d\vec{P} = m \, d\vec{v}$$

$$\mathcal{P}_{TOT} = \sum_{i} m_{i} \vec{v}_{i}$$

$$\left(\sum_{i=1}^{5} M_{int} + \sum_{i=1}^{5} M_{ext} = \frac{dL}{dt}\right) \quad \text{If eq card}$$
generalize.

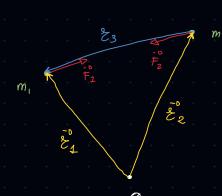
Forze in terne



Per il principio di
$$-0$$
 $F_{\pm} = -\overline{F}_{2}$ =0 \leq , $F_{\text{int}} = 0$

$$\frac{\bar{z}_{1}^{\circ} - \bar{z}_{2}^{\circ} = \bar{z}_{3}^{\circ}}{z_{1}^{\circ} = z_{2}^{\circ} + z_{3}^{\circ}}$$

$$\frac{\bar{z}_{1}^{\circ} - \bar{z}_{2}^{\circ} = \bar{z}_{3}^{\circ}}{z_{1}^{\circ} = z_{2}^{\circ} + z_{3}^{\circ}}$$



$$\frac{1}{M_{1} + M_{2}} = \frac{1}{Z_{1}} \frac{1}{\Lambda} + \frac{1}{Z_{2}} \frac{1}{\Lambda} + \frac{1}{Z_{2}} \frac{1}{\Lambda} = \frac{1}{Z_{1}} \frac{1}{\Lambda} (-F_{2}) + \frac{1}{Z_{2}} \frac{1}{\Lambda} + \frac{1}{Z_{2}} \frac{1}{\Lambda} = \frac{1}{Z_{2}} \frac{1}{\Lambda} + \frac{1}{Z_{2}} \frac{1}{\Lambda} = \frac{1}{Z_{2}$$

$$= D \quad M_1 + M_2 = \emptyset \qquad \underline{QED}$$

Aggiorniamo le equazioni

1)
$$\sum_{i} \vec{F}_{inT} + \sum_{i} \vec{F}_{exe} = \frac{d\vec{P}_{ToT}}{dt}$$
 $-D \sum_{i} \vec{F}_{exe} = \frac{d\vec{P}_{ToT}}{dt}$

2)
$$\leq M_{int} + \leq M_{ext} = \frac{dL}{dt}$$
 - $\leq M_{ext} = \frac{dL}{dt}$

$$\begin{cases} \frac{d \vec{P}_{TOT}}{dt} = 0 \\ \frac{d \vec{L}}{dt} = 0 \end{cases} \Rightarrow \begin{cases} -0.5 & \text{conservano} \end{cases}$$