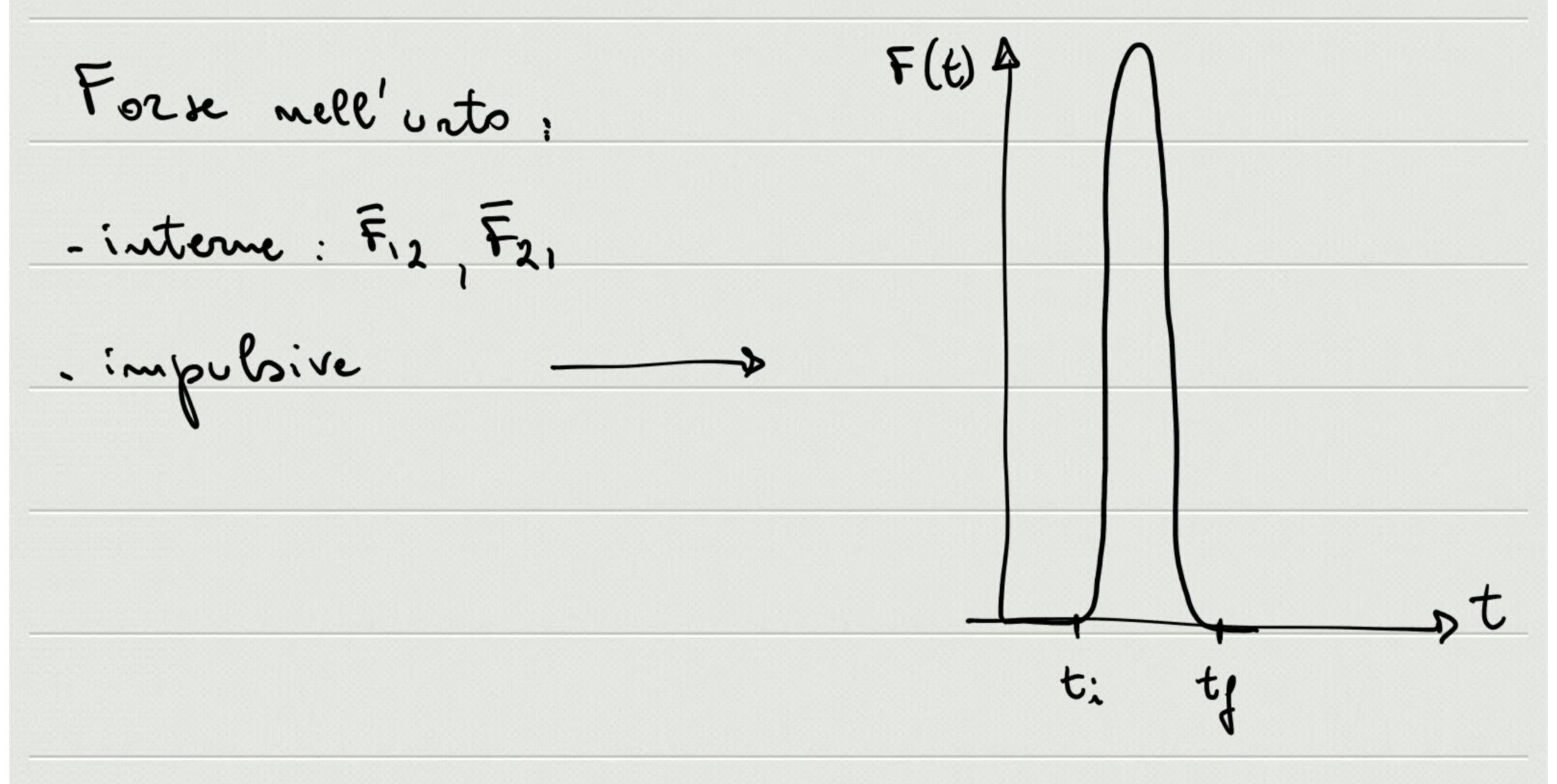


Nell' orto $\bar{\tau}_1 \simeq \cos t$ $\bar{\tau}_2 \simeq \cos t$ Intervallo di tempo dell'orto : [tri, tr] -> [st=t]



Variossome della quantité di moto

P. = m, J, i + m, N, i

Pr = m, v, + m2 vzp

Sistema isolato: [RE=0] (Tin=cost

= mor via)

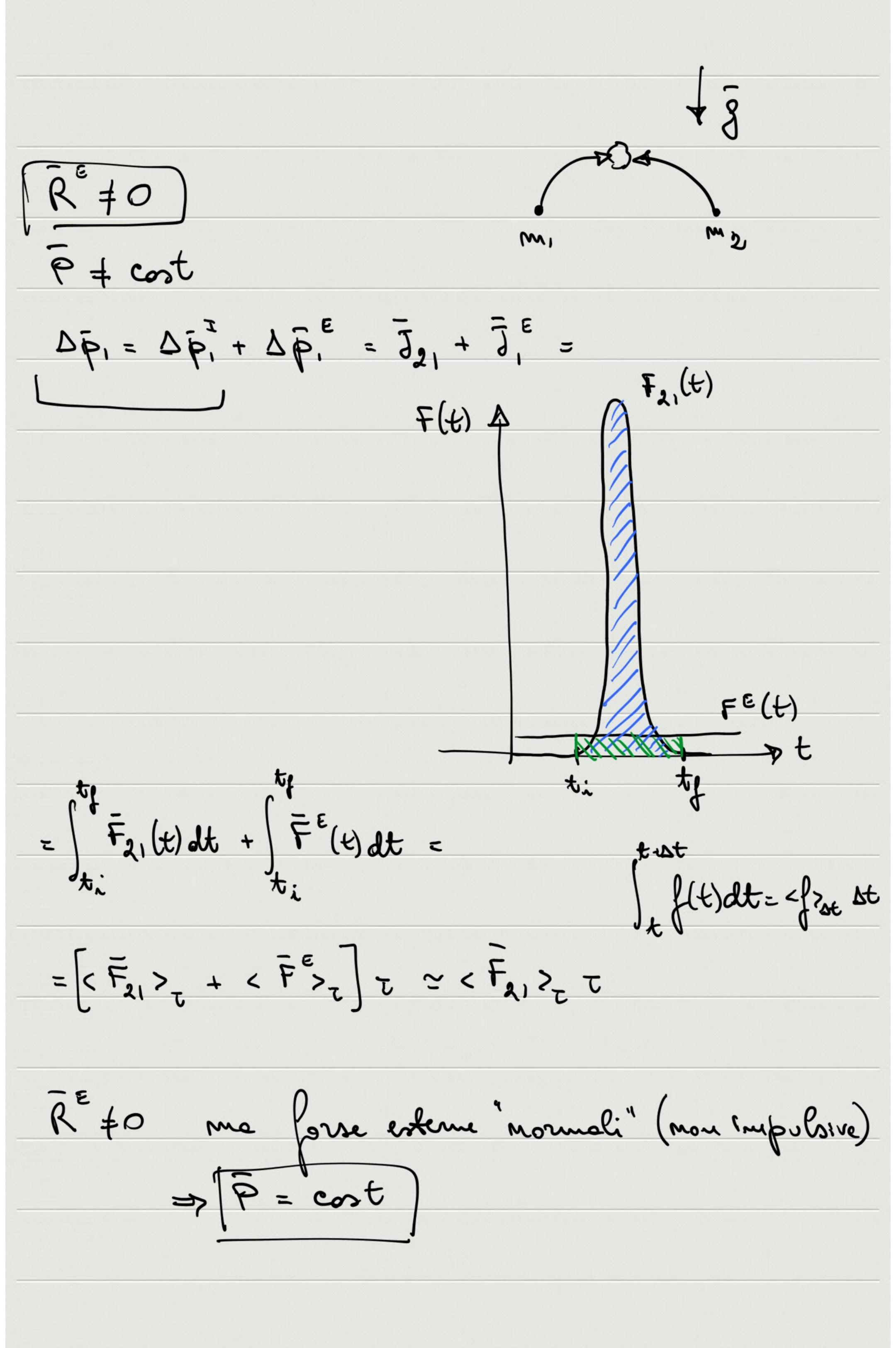
[P = m+0+vou = cost]

Pi = m, Ni; + m2 N2; = m, N; + m2 N2; = Pg *

 $\Delta \overline{p}_{1} = m_{1} \overline{x}_{1} - m_{1} \overline{x}_{1} = \overline{J}_{21} = \int_{t_{1}}^{t_{2}} \overline{x}_{21} dt \neq 0$

 $\Delta \bar{p}_{2} = m_{2} \bar{N}_{2f} - m_{2} \bar{N}_{2i} = \bar{J}_{12} = \int_{t_{i}}^{t_{f}} \bar{F}_{12} dt + 0$

 $\overline{F}_{12} = -\overline{F}_{21} \implies \left[\Delta \overline{p}_{1} = -\Delta \overline{p}_{2} \right]$



RE +0 con fine esterne impublice

>> P + cost Wmc = DEm Emero; e Em= Ek+Epot 元:~contanti => Epot=cont => DEp=0 ⇒ [Wmc = DEK] | forse cons. Wmc = 0 [DEK = 0] (1)

| forse m.cons. Wmc + 0 [DEK = Wmc]

(1) Ex, = Ex, g (1): vzti elestici (2): voti anclastici (Wmc = DER)

T. Körnig

$$E_{N} = E_{N}^{'} + E_{N,CM} = \left(\frac{1}{2}m_{N}N_{N}^{'} + \frac{1}{2}m_{N}N_{N}^{'}\right) + \frac{1}{2}(m_{N}+m_{N}) N_{CM}$$

$$+ \frac{1}{2}(m_{N}+m_{N}) N_{CM}$$

$$N_{CM} = 0$$

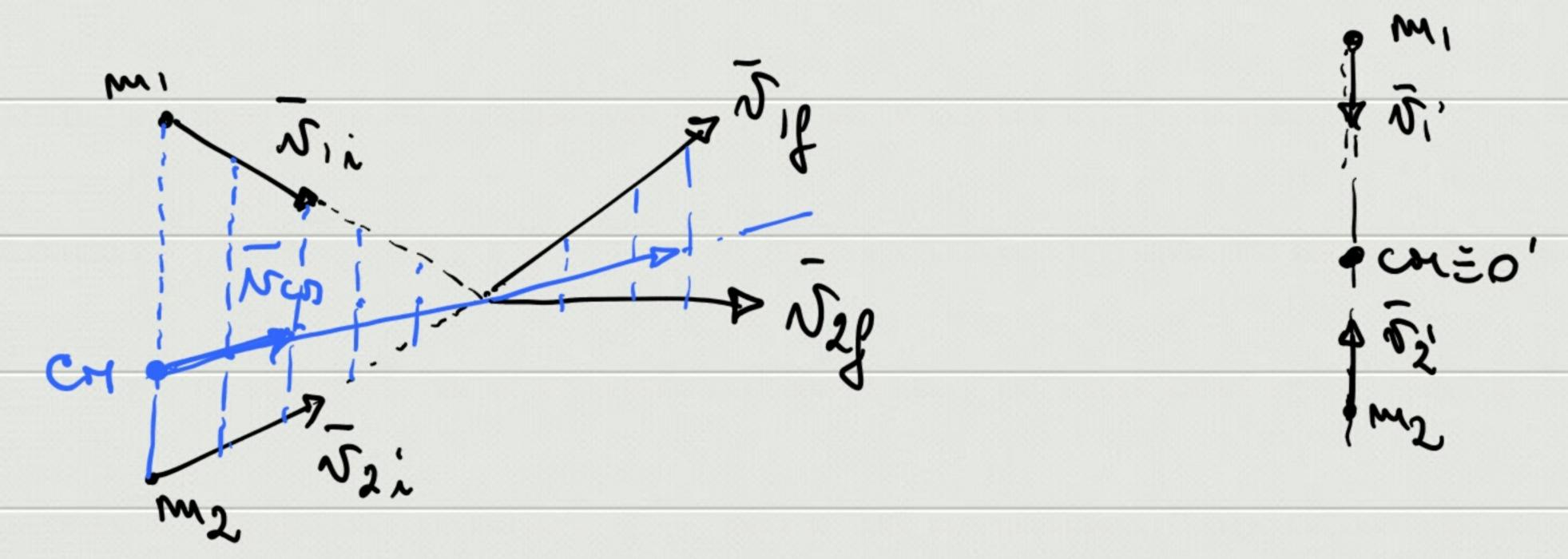
$$N_{CM} = (E_{N}^{'}) + E_{N}(m_{N}) - (E_{N}^{'}) + E_{N}(m_{N}) = 0$$

$$= \Delta E_{N}^{'}$$

$$= \Delta E_{N}^{'}$$

$$= M_{TOT} N_{CM}^{'} = 0$$

$$= \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_$$



(m2 > m1) SdR musiale

SdR dul UM