Emergia
$$\bar{x} \simeq \cot \Rightarrow E_{pot} = E(\bar{x}) = \cot$$

$$\Rightarrow \Delta E_{m} = \Delta E_{R}$$

Ushi | elestici | $\Delta E_{R} = 0$ | (forse conservative)

and eastici | $\Delta E_{R} \neq 0$ | (forse dissipative)

Sistema isolato | $\bar{R}_{i}^{E} = 0$ | $\bar{R}_{i}^{E} = d\bar{R}_{i}^{E}$

$$\Rightarrow | \bar{P}(t_{o}^{-}) = \bar{P}(t_{o}^{+}) |$$
 $\bar{R}_{i}^{E} \neq 0$ | forse more impulsive $\Rightarrow |\Delta \bar{R}_{i}^{E}| \ll |\Delta \bar{P}_{i}^{I}|$

Sistema isolato $\Rightarrow \bar{H}_{o,i}^{E} = 0$

Fr = dho - Jox mora

$$\Rightarrow \boxed{L_{polo} = cost} \Rightarrow \boxed{L_{polo}(to^{-}) = L_{polo}(to^{+})}$$
Sistema non inclusivi
$$\Rightarrow |\Delta L_{polo}^{E}| << |\Delta L_{polo}^{T}|$$

$$\forall 0 \quad \text{mon impulsivi} \Rightarrow |\Delta L_{polo}^{E}| << |\Delta L_{polo}^{T}|$$

$$\forall 0 \quad \text{impulsivo} \Rightarrow \boxed{L} \neq cost$$