$$W_{A \rightarrow B} = \int_{A}^{E} d\vec{n} = -\Delta E_{p} = A$$

$$= -(E_{P_{1}B} - E_{P_{A}})$$

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$$W_{A \rightarrow B} = \int_{A}^{B} (\bar{F} d\bar{s})_{\bar{I}} = \int_{A}^{B} (\bar{F} d\bar{s})_{\bar{I}} = \int_{A}^{B} (\bar{F} d\bar{s})_{\bar{I}} = -\Delta \epsilon_{p}$$

$$\int_{\Delta}^{S} (\bar{r} d\bar{n})_{\bar{I}} = \int_{\Delta}^{S} (\bar{r} d\bar{n})_{\bar{I}}$$

$$\int_{\Delta}^{g} (\bar{F} d\bar{s})_{\bar{I}} - \int_{\Delta}^{g} (\bar{F} d\bar{s})_{\bar{I}} = \infty$$

$$W_{A\rightarrow B} = \int_{\Delta}^{B} \vec{\xi} d\vec{x} = -\left(\vec{\epsilon}_{P,B} - \vec{\epsilon}_{P,A}\right) = -\left[-\left(\vec{\epsilon}_{P,\Delta} - \vec{\epsilon}_{P,B}\right)\right] =$$

$$= -\int_{B}^{A} \vec{\xi} d\vec{x} = -W_{B\rightarrow A}$$

$$\int_{\Delta}^{\mathcal{B}} (\tilde{\epsilon} d\tilde{s})_{\underline{T}} + \int_{\mathcal{B}}^{\Delta} (\tilde{\epsilon} d\tilde{s})_{\underline{T}} = 0$$

Forse conservative [WASE = - DEP => 0 Fobs=0 $W_{A-1B} = E_{P,A} - E_{P,B}$ A A CO : resistente > 1 < 1 I_{miHo} fine $E_{P} = m_{gh}$ $A = m_{gh}$ $E_{P} = \frac{1}{2} n x^{2}$ WASE - DEP =- (EP,B - EP,A) Epper = mgt + cost $E_{p} = mg (\ell + h)$ $E'_{p} = mgh$ $\Delta E_{p} = -mgh$ $E_{p} = mg \ell$ $E'_{p} = 0$ Ep=mg2(-mge)

Forse conservative: W=-DEP

Forse mon conservative: W=DEP

(dinnipative) Forse conservative $W_{A \rightarrow B} = -\Delta E_{P} = -(E_{P,B} - E_{P,A})$ $= \Delta E_{K} = E_{K,B} - E_{K,A}$ EK, B + EP, B = EK, A + EP, A [Em = Ex+Ep] > evergie me comice Principso di => | Em,s = Em,s conservatione dell'eur pa meccania Forse non conservetive

Wmc = DER + DEP = D(ER+EP) = DEm