Pasona cum, moyusens.

Koncipl. 4 he ~ cum.

Notenyuanbyan oneprus. Cheze ann u nos. oneprus.

3C3 (Mexamireron)

osyan upmuyun coxp. oneprus

Pasona a monguoens cuan

Def. Pasoma Fua do

$$dA = F_S dS = F dS \cos z = (\vec{F}, \vec{aS})$$

Deg. moynom: F

$$P = \frac{dA}{dt} = (\vec{F}, \frac{d\vec{s}}{dt}) = (\vec{F}, \vec{r})$$

$$A_{12} = \int_{1}^{2} dA = \int_{1}^{2} (\vec{F}, d\vec{S})$$

Knacenturayus cun

cuan squannaruen.

npunepa koncept-x:

потенцианные эпертия

- pasona un, colepus. upu neperoge из расем-го полон-я в истапо оточета

$$u_1 = A_{10}$$

! U(r) ne zaturnt et spaentopus

$$P-M$$
 $1 \rightarrow 2 \rightarrow 0 \rightarrow 1$

$$A_{12} + A_{20} + A_{01} = 0$$

$$A_{12} = A_{10} - A_{20} = U_1 - U_2 = -04$$

pasoma nonceps. cun

morun narana otorema

chezé man c noteny. meprues

gaus U(r)
naimu F

$$F_i = -\frac{\partial u}{\partial i} \qquad i \in \{x, y, z\}$$

$$\vec{F} = -grad U = -\left(\vec{\tau} \frac{\partial u}{\partial x} + \vec{J} \frac{\partial u}{\partial y} + \vec{k} \frac{\partial u}{\partial z}\right)$$

3СЭ

(Tomus koncept-e)

(upu namen quecunas-x)

$$A_{12} = A_{12} (uonc.) + A_{12} (gucann)$$

$$U_1 - U_2$$

$$k_{2}-k_{1}=U_{1}-u_{2}+A_{12}^{(gucc)}$$