NI Г.х зочений зород совершает парначические конебазия TO EAST J- resogosou pozruprovi r- paurosus dive = 4ND F=E(1) F Eg = EM +  $\frac{\partial L_x}{\partial x} = \frac{\partial}{\partial r} (E_{\overline{r}}^{X}) \cdot \frac{\partial r}{\partial x} =$  $= \frac{d^{\frac{1}{2}} x^{2}}{dr r^{2}} + \int_{0}^{\infty} \frac{1}{r} \left( \frac{\sqrt{r^{2} - q^{2} \cdot z^{2}}}{r} \right) \cdot \frac{\partial r}{\partial x} = \frac{2x}{2\sqrt{x^{2} + q^{2} + z^{2}}} = \frac{x}{r}$ OX = dEx2 + E (x-x)x = - dt x + E - x E - Ananourm gas Qui Eagluque eurque It, JEg + JEz - JE x 492+22 + 3E - x2+92+22 E = = de + 2E = 4/1p Tr fr (Er2) = 4/1p 1 /+ 2 / = 411, P D = 3 => D=const => Sopag painspegeien None na nobeganistru Eir = Ya = a

$$mr + qdr = 0$$

$$mr' + qd r = 0$$

$$r' + qd r = 0$$

$$r'' + qd r = 0$$

mr = - 9 Em

Dodabun cewé ograj nonycipejy go crepa peper Cknagnheerer UZ NOTENEZELAND 410°8 40 = 24, = = = = Mosenzuan l'asocsi Touxe crepo palen 40, Tonga Z=0 being aumerpeur nogenyuan lezge

Ecna 
$$\ell_1 = -\ell_2$$
, to nobeparation monopoles in the paration of the paration

C = A C = A C = A C = A C = A C = A C = A

A: 
$$\int \frac{E}{8\pi} dV$$

A:  $\int \frac{e}{9\pi} dV = 4\pi r^2 dr = \frac{4^2}{3\pi} \int \frac{1}{r^2} dr$ 
 $\int \frac{e}{9\pi} dV = 4\pi r^2 dr$ 
 $\int \frac{e}{9\pi} dV = \frac{4^2}{3\pi} \int \frac{1}{r^2} dr$ 
 $\int \frac{e}{9\pi} dV = \frac{4\pi}{3\pi} \int \frac{e}{r^2} dr$ 
 $\int \frac{e}{2\pi} dr dr$ 

