Hegens 15. menens ughojunamiky

$$(u \approx 0)$$

$$\frac{R^{0}}{S} + \frac{u^{2}}{2} + \frac{gH}{2} = \frac{R^{0}}{S} + \frac{v^{2}}{2} + \frac{gL}{2}$$

$$v^{2} = \frac{2g(H-L)}{2}$$

$$v = \sqrt{2g(H-L)}$$

$$\frac{F = ||nv| = \frac{|dm|}{dt}|_{v} = [dm = p Svdt] = p Sv^{2} =$$

$$= p s \cdot 10^{-5} \cdot 2 \cdot 10^{-5} \cdot 2 \cdot 10^{-5} \cdot 10^{-$$

0 26

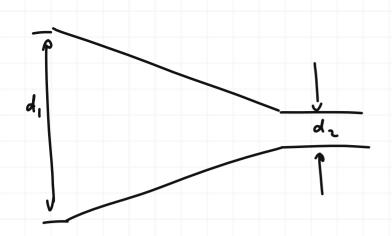
027

$$\gamma = 1.5 \cdot 10^{-3} \text{ Na. c}$$

$$Q = 30 \text{ A}/\text{Mu4} = 0.5 \cdot 10^{-3} \text{ M}^3/\text{c}$$

$$F = \gamma S \frac{\pi}{L}$$
; $\frac{f}{S} = \frac{\gamma \gamma}{L} = \frac{10^{-1} \cdot 10^{-1} \cdot 10^{7}}{= \frac{100 \, 4/4^{2}}{= \frac{100 \, 4/4^{2$

$$Re = \frac{\rho vd}{2} = \frac{\rho Qd}{2S} = \frac{4\rho Qd}{2\pi d^{2}} = \frac{4\rho Q}{\pi Zd} \approx 2300$$



$$d_{2} = \sqrt{\frac{8Q^{2}}{\sqrt{1}^{2}gL}d_{1}}} = \sqrt{\frac{d_{1}}{\sqrt{1+\frac{\pi^{2}gL}{8Q^{2}}d_{1}}}} = \frac{d_{1}}{\sqrt{1+\frac{\pi^{2}gL}{8Q^{2}}d_{1}}}} = \frac{0.5 \text{ cm}}{\sqrt{1+\frac{\pi^{2}gL}{8Q^{2}}d_{1}}} = \frac{0.5 \text{ cm}}{\sqrt{1+\frac{\pi^{2}gL}{8Q^{2}}d_{1}}}$$

p, = pgh,

P2 = 0

$$-\frac{dr}{dt} = court = \tilde{e}$$

$$\frac{v}{\overline{c}} = ln\left(\frac{n}{r_1}\right) ; \quad \overline{c} = \frac{v}{ln\left(\frac{r_1}{r_1}\right)}$$

$$f = 2\pi \gamma \cdot \frac{v_6}{(4(\frac{r_4}{r_5}))} = \frac{7,7,60^{-5}}{4}$$

$$v(r) = \frac{\partial p}{\partial r} \cdot \frac{R^2 - r^2}{4\eta} + \frac{\partial (n(\frac{r}{R}))}{\partial r} = \frac{\partial p}{\partial r} \frac{R^2 - r^2}{\eta}$$

uz nar. genomi. nog supaem c=0

hanigen op. cr. 44 yr.:

$$r = \int_{-R}^{R} \frac{v(r) \cdot 2 f r dr}{f r^2} = \frac{2}{p^2} \int_{-R}^{R} v(r) r dr = \frac{2}{R} \frac{op}{l \cdot 42} \int_{-R}^{R} (R^2 r dr - r^3 dr) z$$

$$=\frac{op}{e\cdot 47}\left(\frac{e^{2}}{2}-\frac{e^{2}}{7}\right)=\frac{op}{4e_{1}}\cdot\frac{e^{2}}{7}=\frac{p^{2}}{16n}\cdot\frac{op}{2}$$

$$\gamma = \frac{\text{Re } \eta}{\text{pR}} = \frac{\text{p'}}{16 \gamma} \frac{\text{op}}{\text{e}} ; \quad \frac{\text{op}}{\text{e}} = \frac{8 \text{Re } \gamma^2}{\text{pe}^3} = 16 \frac{4}{m^2}$$

14.29

$$dF_{conf} = \frac{7dSv}{a} + \frac{7dSv}{b} = \frac{7dSv}{a} + \frac{1}{6} = \frac{1}{6}$$

$$N = 2 \frac{a+b}{ab} \cdot 2\pi \int_{0}^{\infty} \sqrt{r} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2 \frac{a+b}{ab} \cdot 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2\pi \omega^{2} \int_{0}^{\infty} r^{3} dr = 2\pi \omega^{2$$