Стощионарное пантиарное течение ни уконту Ур-е Берпути Р-ла Торричения

## станионарное течения

Def. Ug. 14 uge-75 — 44-77, y nomohoù hignorms (Enyt). Themse)
nperespensura mana.

Def. Heerthunaeman Hugu-76 — 14., mommosté komopost og nuanoba to been obtene une gahieut as speneem.

1/ Henry won Bro! I

none enopocimen  $\vec{v} = \vec{v}(\vec{r},t)$ 

O.f. Tenenue conaguouapuo, econ cropocono revenue H-Ty 6

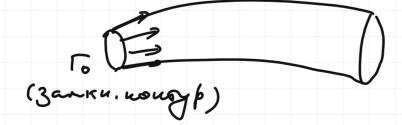
raingoi D vie ne menserce co

espenenes.

Def. Линия тока — линия, касаб-я кот. в канурой обчис совпарает с папр-ет скорости Течения ин-ту в этой гочке



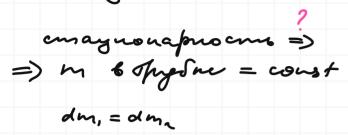
Def. Tpy Sua mora



Jp-e nemp-mu

3< =(t;

dm, = p, S, v, d+ dm2 = p2 S2 v2 d+



$$P_2, S_2, v_i$$

$$J = pSr - nomou nacen$$

$$i = \frac{J}{S} = pV - nomuocome norona nacen$$

yp-e Geforgran

dm, = p, 5, v, dt dm, = p2 22 v2 dt

Mycome E1, 22 - mepron egannyon Macon, coot., brance. a later 14 aprocess

$$dE_1 = 2, dm, \qquad dA_1 = F_1 \ell_1 = p_1 S_1 v_1 dt$$

$$dE_2 = 2, dm_2 \qquad dA_2 = p_2 S_2 v_2 dt$$

dE, + dA, = dEz + dAz ξ, dm, + β, S, r, dt = ξ, dm, + β, S, v, dt β, S, r, dt (f) + β, ) = (ξ, - ξ, )β, S, r, dt

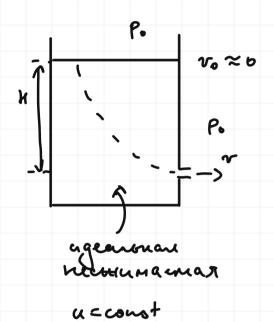
$$\frac{\rho_1}{\rho_1} + z_1 = \frac{\rho_2}{\rho_2} + \xi_2 \qquad (8\beta - \epsilon \ \text{Gepnyam} \ 1739 \ \text{C.})$$

Е = впутр + кинегич + потену.
(в расчите на еринцуу массы)

$$\xi = \frac{\sqrt{2}}{2} + gh + u$$
 (b none TXHeren)

een 
$$u = const$$
  
 $z = \frac{v^2}{2} sgh$ 

$$\frac{p}{p} + \frac{v^2}{2} + gL = const$$



$$\frac{P_0}{\sqrt{2}} + \frac{\sqrt{2}}{2} + \sqrt{2} = \frac{P_0}{\sqrt{2}} + \frac{\sqrt{2}}{2}$$

$$\frac{\sqrt{2}}{2} = 9^{14}$$

$$\sqrt{2} = \sqrt{2} \sqrt{4}$$

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