1). Essur OS/07/2017 x) $m_{\text{Pauls}} = 50 \, \frac{\text{m}^3}{\text{l}} = 13,89 \, \text{kg/s}$ m A1-A2 = 13,89 kg/s = m 12-M1 (Bicarcio di Massa) SEZIONE oi PASSIGGIO UGUALE PEN TONI I TUBI $A = \pi D^2 = 0,012272 \text{ m}^2 0 = 12,5 \text{ cm}$ $m_{M2-M3} = m_{M2-M2} - m_{M2-S} = 13,89 \text{ } .0,5 = 6,96 \text{ }$ $N = \frac{m}{s}$ $N_{ASP} = 1,1317 \text{ m/s}$ $N_{M2-M1} = 1,1317 \text{ m/s}$ $N_{M2-M3} = 0,5659 \text{ m/s}$ PEN IL CALCOLO DEL CETTICIETRE DI ATMITO F DEVO CALCOLORE LA SCABNESSA RELATIVA É E IL nº NEMONOS $\frac{2}{D} = \frac{0.025 \, \text{mm}}{125 \, \text{mm}} = 0,0002 \, \left(\text{UGLALE PEN TOTH i TUBI} \right)$ $Re = \frac{9ND}{M^2 - M^2} = 1,24.10^5$ $Re = \frac{1,24.10^5}{M^2 - M^2} = 1,24.10^5$ $1,14.10^{-3} Ro$ $M^2 - M^3 = 6,22.10^4$ $f = f(\frac{5}{0}; \text{Re}) = 0,01808$ $f = f(\frac{5}{0}; \text{Re}) = 0,01808$ f = 0,01808 f = 0,01808

PENOTTE MURIAMO

C, ASP = 4,48 8/1/9

PENOTTE CONCENTRATE (Kc=7)

C, M2-M1 = 4,48 8/1/9 PENDITE MIRIAMO 1/c= Kc 152 1/c, M2-M3 = 1,12 Thg - PENOTTE DISMIBITE $V_0 = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{7}{873} & \frac{1}{873} \\ \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{7}{873} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{7}{873} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{cases} = \begin{cases} \frac{1}{2} & \frac{$ PENOTVE POURA

VROURA = Min ASP. (C) = 313 5/Mg/K PENOTVE Pausa $\frac{\gamma}{2000} = \frac{\Delta P/g}{g} = 0,760S \qquad \text{A}g = 1000V$ $\int = 1000 \text{ G/m}^3 \text{ gratio}$ PEC =M (SP) / (Zion · Zong-EL) = 18,73 WW/ (2) TRASFORMATIONE 1-32 (1807ENUS REVERSIBILE) - SEGMENTO - ONIGHORISME IN 1-5 * CACONE SCREWBISTO = AMES GONESS ALLA CONLO MEIT-S 92-7 = m T1 (S2-S1)=+2005,65 WW

P2 = 2 = m ((h2 - h2) - T2 (52-52) = 871 kw = dh - vdP = ESPANS

2

Reconv =
$$\frac{\Delta T}{q}$$
 = $\frac{T_3 - T_{AUB}}{q}$ = $\frac{\Delta T_3 - T_{AUB}}{q}$

Si cere niconnere sus Converione Farazza (e. ventola)

(4) OUPRESSONE GIS NATURALE $P_{C2} = \frac{7}{5} = \frac{P_6}{P_5}$ $Q_{C_2} = \frac{Y-1}{Y}$ Tois = To Par = 341,52 K (TEURENDRUNE in) T6 = T5 + (T6,15-T5) = 350,93 K TREALE = WIS LAVORO SPECIFICO Cauriessane - DC2 LC2 = CP,GR (TG-TS) 10,48 MW Puece, cr = (m. lcz)/mecc, cr CA TUBINA A GAS PMECC, CZ = PMECCTYG = DINTG. ZTG Thascius ic Coonessone DINITG = PLACETE = 39,5 MW SEIL CICLO BRAPTON DELLA TG FOSSE IDEALE CON Pro=15 (AND) 276,10 = 1 - PTG = 218628 1=14 858200 8 V Bitrajeco = C 5/2/5/8