Noseeb uldah Chen 13/10/13 Chemical enfinearing 27-11-2020

@ NO: 3

as û=

$$\sqrt{2} = \frac{7}{100}$$

$$=(0.0 \times 0.0316)^{1/5} = (0.1 \times 0.0316)^{0.663}$$

$$\hat{v}_{1} = 0.0342 \frac{m}{g}$$
 $\hat{w} = \int_{1.5}^{3} p \cdot d\hat{v} = -\int_{1.5}^{3} p \cdot d\hat{v}$

$$P = \frac{1}{2} \frac{MPA}{V} = \frac{P_1 V_1}{V_1} = \frac{P_1 V_2}{V_1} = \frac{1}{2} \frac{1}{2}$$

$$\Delta \hat{u} = \hat{A}^{\dagger} + \hat{\omega}$$

At state 1,
$$P_1 = 2MP_1$$
, $T_1 \ge 13.6c$
 $u_1 = ?$
 $u_1 = (using)$
 $\frac{T(c)}{260013}$

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$$\hat{V_2} = \frac{7}{100}$$

$$\hat{V_1} = \frac{7}{100}$$

$$\int_{1}^{2} \left[\frac{\partial MPa}{\partial MPa} | (0.1m^{3})^{\frac{1}{3}} | \frac{1}{10Mpa} \right] = \int_{1}^{2} \int_{1}^{2} \left[(0.2 \times 10.11)^{\frac{1}{3}} M_{eff}^{3} \right] \\
= \left(0.0 \times 0.0316 \right)^{\frac{1}{3}} = \left(0.2 \times 0.0316 \right)^{\frac{1}{3}} = \left(0.2 \times 0.0316 \right)^{\frac{1}{3}}$$

$$\hat{v}_{1} = 0.0342 \frac{m}{e}$$
 $\hat{w} = \int_{1}^{0.0342} p.d\hat{v} = -\int_{1}^{0.0342} p.d\hat{v}$

$$P = \frac{2MPA}{V^{1/5}} = P_1 V_1 \implies P = \frac{P_1 V_2}{\tilde{V}^{1/5}}$$

$$P = \frac{2MPA}{V^{1/5}} = \frac{0.0632}{V^{1/5}} = \frac{0.0632}{V^{1/5}} = \frac{0.0632}{V^{1/5}} = \frac{0.0632}{V^{1/5}} = \frac{0.0632}{V^{1/5}} = \frac{0.0632}{0.0342} = \frac{0.0342}{0.0342} = \frac{0.0342}{0.0000} = \frac{0.0000}{0.0000} = \frac{0.0000}{0.00$$

$$\Delta \hat{u} = \hat{q}' + \hat{\omega}$$

At state 1,
$$P_1 = 2MP_{11}$$
, $T_1 \ge 13.6c$
 $u_1 = ?$
 $u_1 = (uslug)$
 $T(c)$
 112.4

At thate 2,
$$P_{L} = 10MP_{0}$$
 $\frac{u_{L}}{u_{L}} = \frac{10MP_{0}}{(M^{2}/M)}$
 $\frac{u_{L}}{u_{L}} = \frac{10MP_{0}}{(M$

$$P = 7bal$$
 $h = 2600 \text{ W} / \text{ay}$
 $V = ?$
 $V = ?$
 $V = ?$

$$v = V_f + n. V_g$$

= 0.00 1108 + (0.94)(0.0173-0.001108)
= 0.001108 + (0.94)(0.171892)
= 0.001108 + 0.25041

$$v = 0.2515 \, \text{m}^3/\text{kg}$$
 $u = 2480 \, \text{kJ/ng}$

Ch Na.)) System refess to the subject matter of analysis. Thermodynamic system or system refer to definite quantity of matter, enclosed by a boundary, on which we focus ous attention for thesmodynamic analysis somounding System Fig. 0.1 Durroundings
This part of the universe other than
the system is called surroundings. As shown through bondries of the system. 4) Isolated process No mass or heat energy transfer with environment. s) Extensive property

Depend upon the mass of System e.g. mass, volume, internal energy Enthology, Entropy.