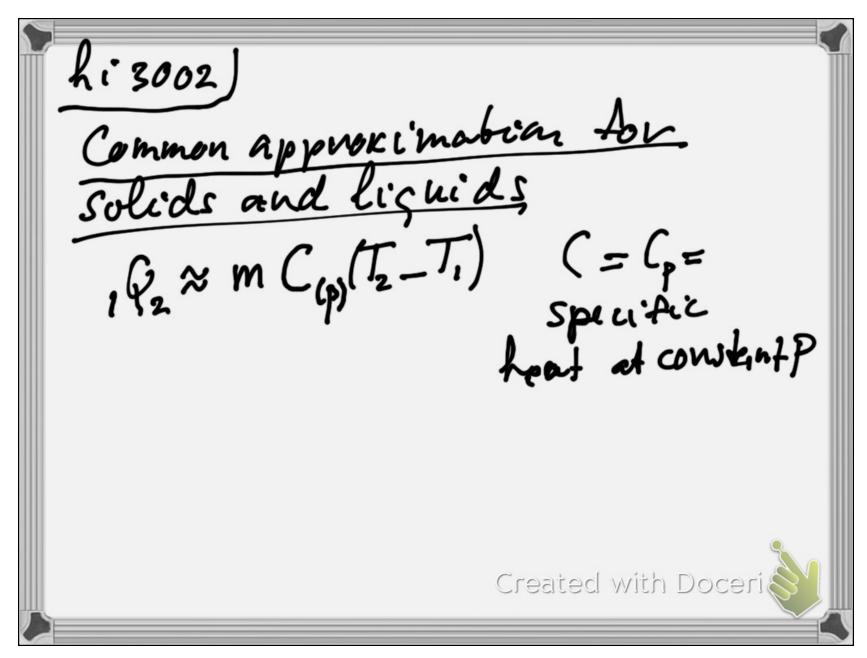
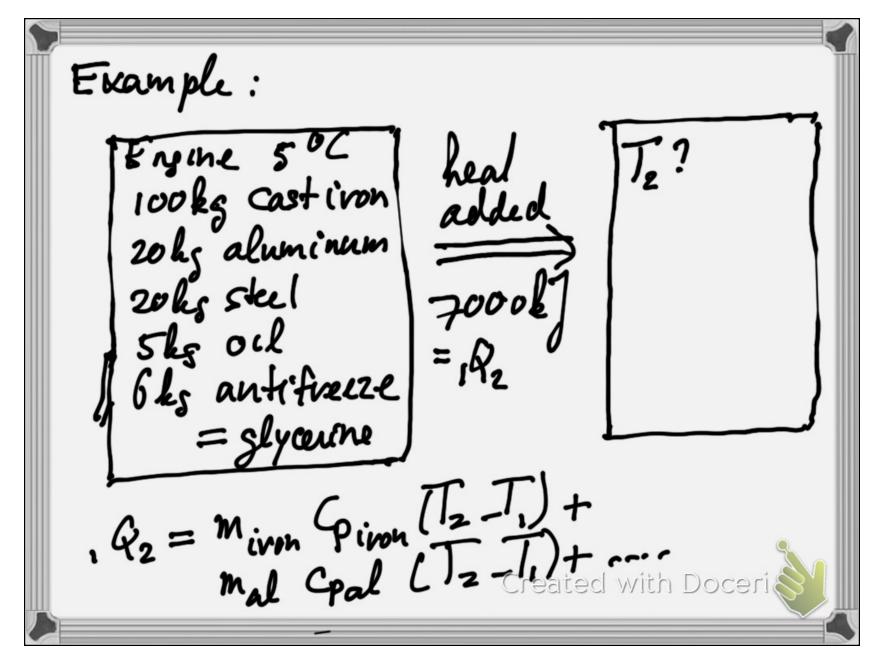
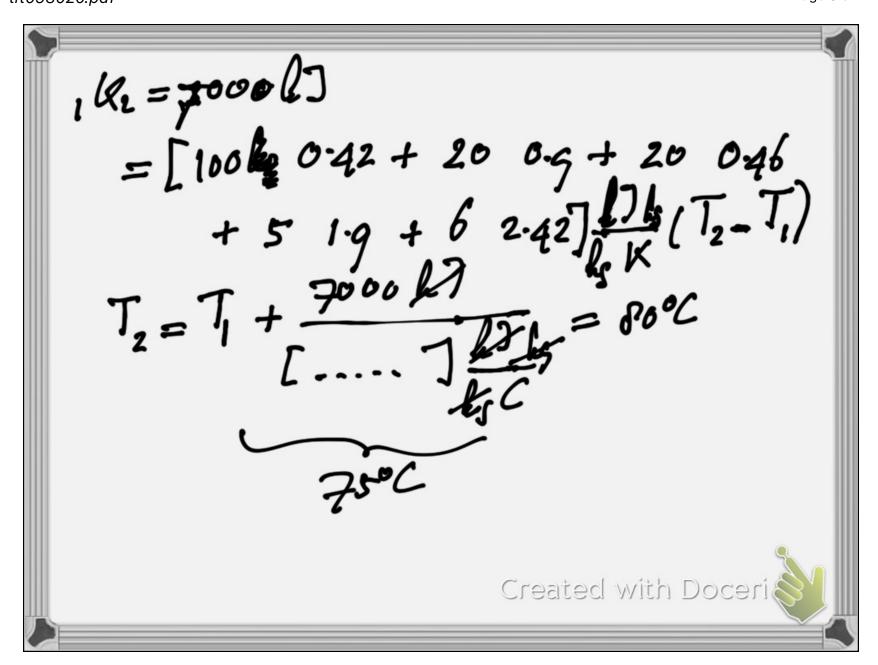
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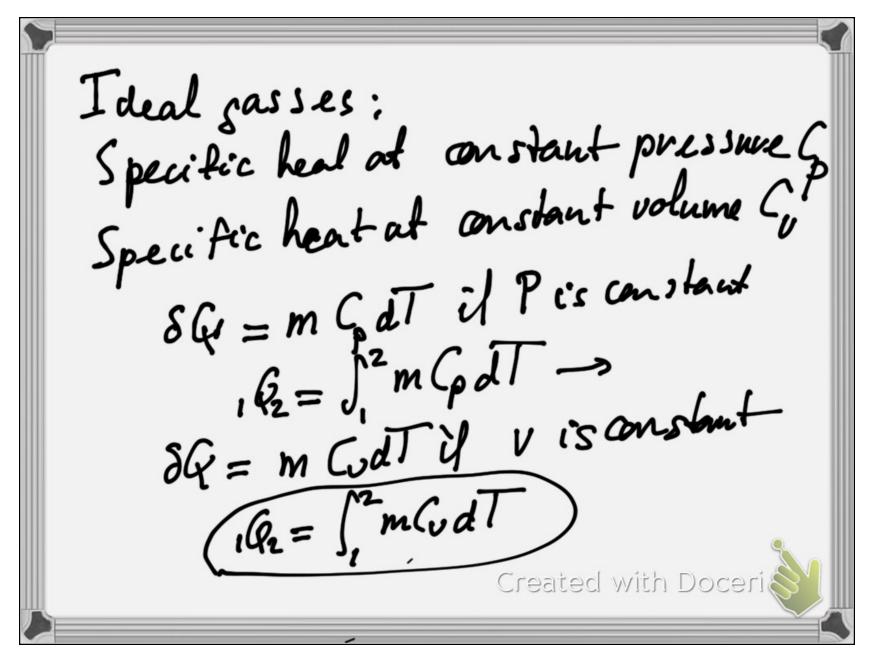
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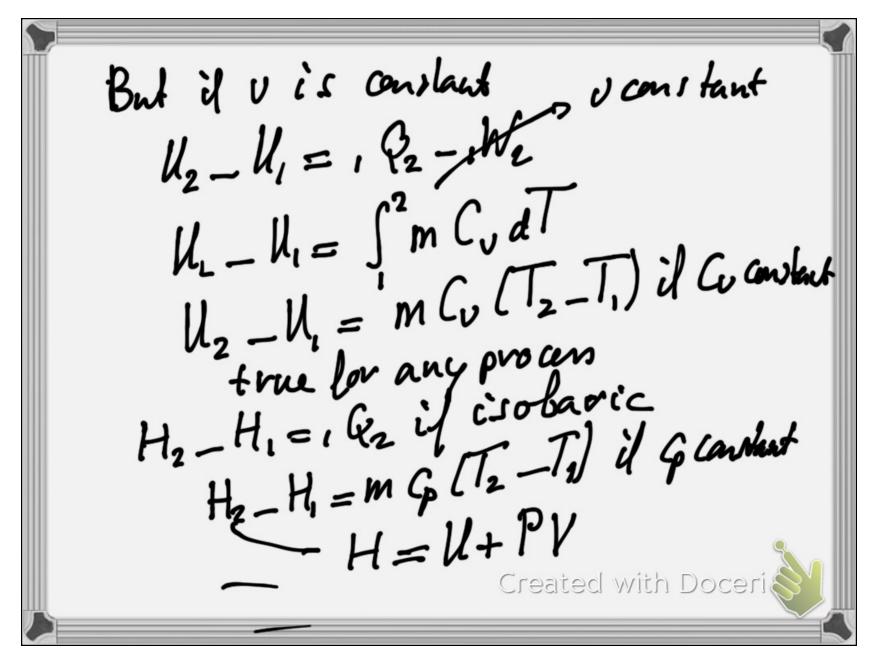
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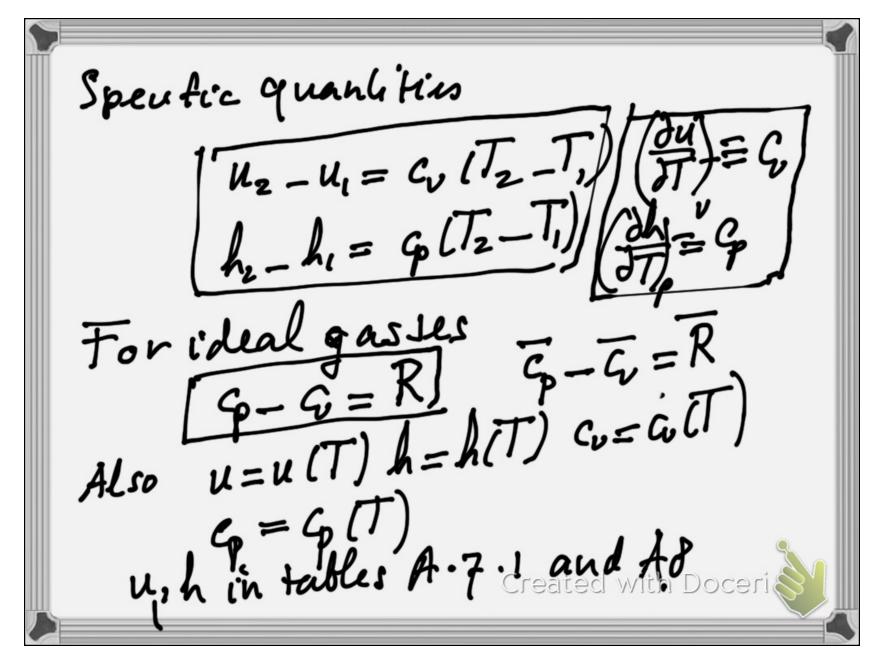
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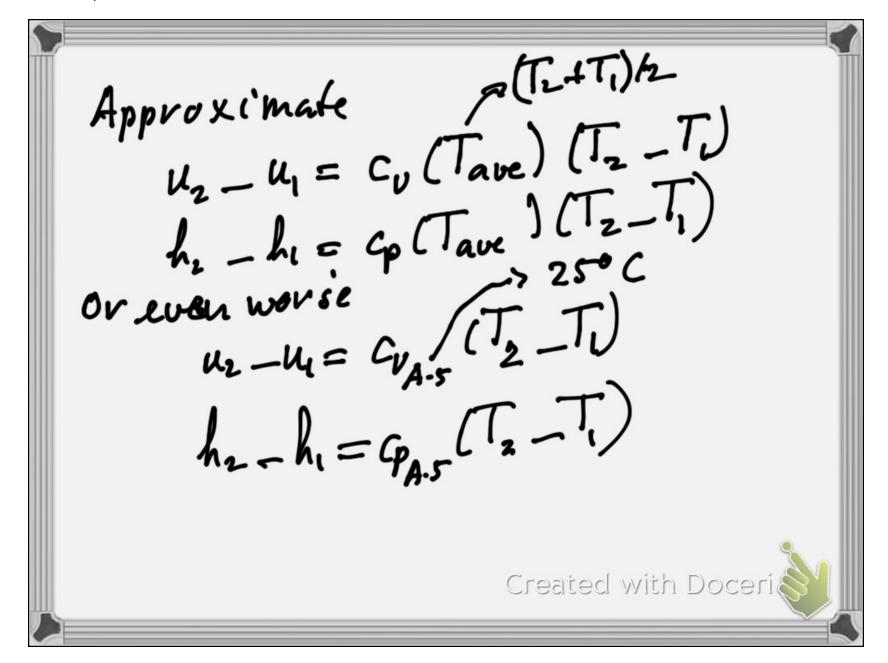
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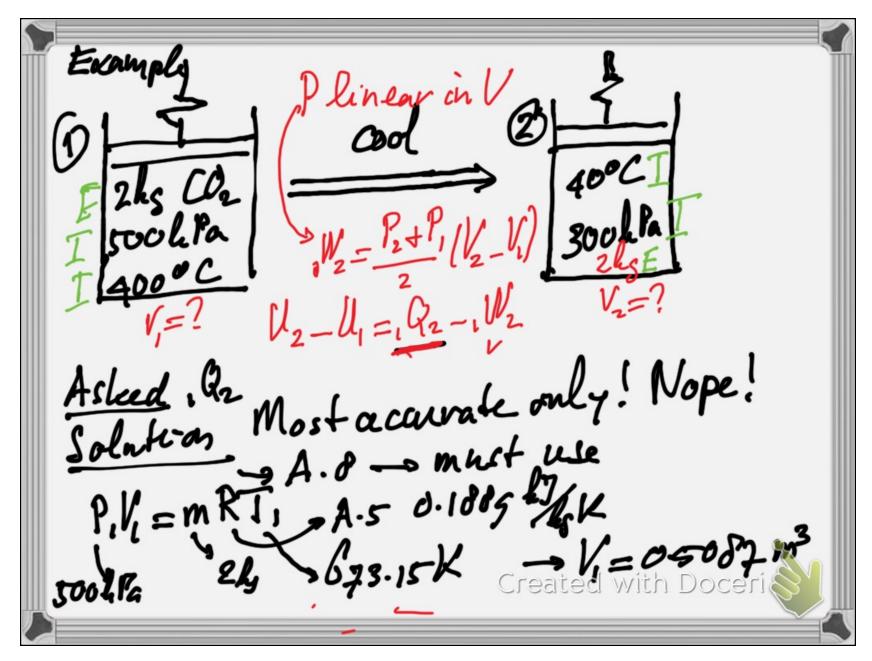
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If not is these tables use lether. $U_2 - U_1 = C_V \left(T_2 - T_1 \right)$ $h_2 - h_1 = c_p(T_2 - T_1)$ acenale for noble sasses,
For others asses: $u_2 - u_1 = \int_1^2 c_v(T) dT$ $h_2 - h_1 = \int_{-\infty}^{2} \varphi(T) dT$ Created with Doceri

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Same way
$$1/2 = 0-3942$$
 $1W_2 = \frac{P_1 + P_2}{2} (1/2 - 1/2) = \frac{550 + 300}{2} 1 \frac{P_2}{2} (0.3942)$
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 $u_1 = 459 \text{ kg/fs}$ same way $u_2 = 166.6 \text{ kg/fs}$ $162 = m(u_2 - u_1) - 45.72 \text{ kg} = -630.5 \text{ kg}$ Suppose CO_2 was not in A.d: $u_2.u_1 = c_1 t_1$, worst: use c_1 from table A.5 (25°C). 1Q2 = 100.2ks 0.653/1 (40-400)K 162=-515.9k Tare = 40 +400 = 220°C = 493.15K

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