$$Q = \Delta U - W$$

$$\delta Q = dV - \delta W$$

$$\delta Q = dV + pdV$$

$$\delta Q \Rightarrow \delta Q (\theta, V)$$

$$\delta Q = c_{\sigma} d\theta + \frac{c_{\rho} - c_{\sigma}}{V\alpha} dV$$

$$\left(\frac{\partial \Lambda}{\partial \Lambda}\right)^{b} = \frac{\Lambda^{d}}{h^{d}} Ch$$

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$$(7) \qquad (9 - \omega = - T \left(\frac{\partial V}{\partial T}\right)_{P}^{2} \left(\frac{\partial P}{\partial V}\right)_{T}^{2}$$