

PROZEDURA OROKORRA : LABURBILDUMA

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$$U = U(S, V, N) \quad N = kTe \quad \{V, S\} \text{ ALDAGAI INDEPENDENTEEN SORTA}$$

$$\begin{array}{ll} V \text{ ALDATU} \Rightarrow P \text{ ALDATU} & ; P = P(V, S) \quad \left(\frac{\partial P}{\partial V}\right)_S \\ T \text{ ALDATU} & ; T = T(V, S) \quad \left(\frac{\partial T}{\partial V}\right)_S \end{array}$$

$$\begin{array}{l} P = P(V, S) \\ dP = \left(\frac{\partial P}{\partial V}\right)_S dV + \left(\frac{\partial P}{\partial S}\right)_V dS \\ dT = \left(\frac{\partial T}{\partial V}\right)_S dV + \left(\frac{\partial T}{\partial S}\right)_V dS \\ dS = \left(\frac{\partial S}{\partial T}\right)_V dT + \left(\frac{\partial S}{\partial V}\right)_T dV \end{array}$$