KOEFIZIENTE ESPERIMENTALAK $\begin{cases} \alpha = \frac{1}{V}\left(\frac{\partial V}{\partial T}\right)_P \\ K_T = -\frac{1}{V}\left(\frac{\partial V}{\partial P}\right)_T \end{cases}$ *

* $V = V(P,T)$ $\quad dV = \left(\frac{\partial V}{\partial T}\right)_P dT + \left(\frac{\partial V}{\partial P}\right)_T dP$

$$\boxed{dV = \alpha V dT - K_T V dP}$$

* $P = P(V,T)$ $\quad dP = \left(\frac{\partial P}{\partial T}\right)_V dT + \left(\frac{\partial P}{\partial V}\right)_T dV$

$$\boxed{dP = \frac{\alpha}{K_T} dT + \frac{1}{V(-K_T)} dV}$$

* $T = T(P,V)$ $\quad dT = \left(\frac{\partial T}{\partial P}\right)_V dP + \left(\frac{\partial T}{\partial V}\right)_P dV$

$$\boxed{dT = \frac{K_T}{\alpha} dP + \frac{1}{V\alpha} dT}$$

⇝ EDOZEIN SISTEMAREN KASUAN ANTZEKO KOEFIZIENTEAK DEFINI DAITEZKE

* $\theta \rightsquigarrow T$