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Ep \\ T, V \in \partial_T E_V(T, V) = T\partial_T S_V(T, V) \\ \partial_V E_T(T, V) = T\partial_V S_T(T, V) - p(T, V) \Rightarrow T\partial_T S_V(T, V) = 4\sigma V T^3 \\ \Rightarrow \partial_T S_V(T, V) = 4\sigma V T^2 \\ \Rightarrow S(T, V) = 43\sigma V T^3 + C(V)C(V) \Rightarrow \partial_V S_T(T, V) = 1T\partial_V E_T(T, V) + p(T, V) \\ = 1T\sigma T^4 + 13\sigma T^4 \\ = 43\sigma T^3 \\ (siehe\ oben)! = 43\sigma T^3 + C'(V) \\ \Rightarrow C'(V) = 0 \\ \Rightarrow C(V) = S_0 S\sigma T^3 + S_0 ImAllgemeinenbe findetsich das betrachtetether modynamische Systemim Gleich gewicht. Damitister von der Systemim Gleich gewicht. Damitister variables and the systemic systemic of the system of the sy
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