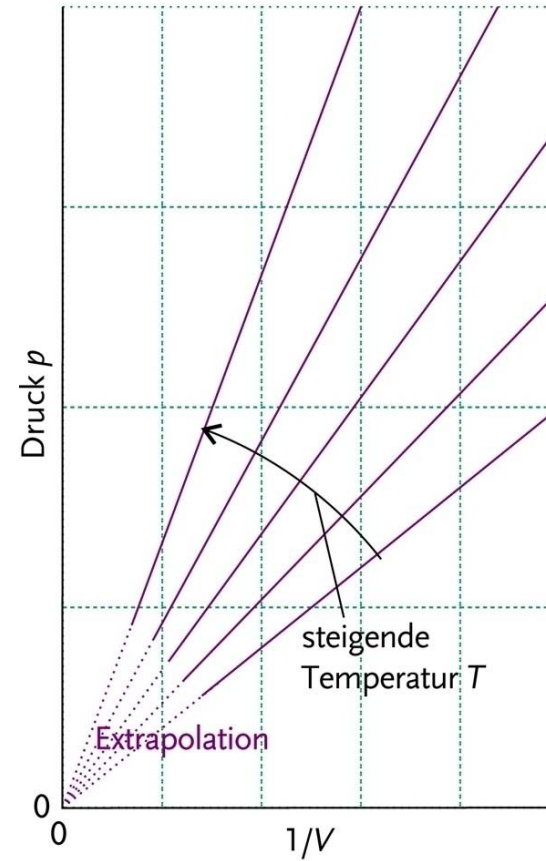
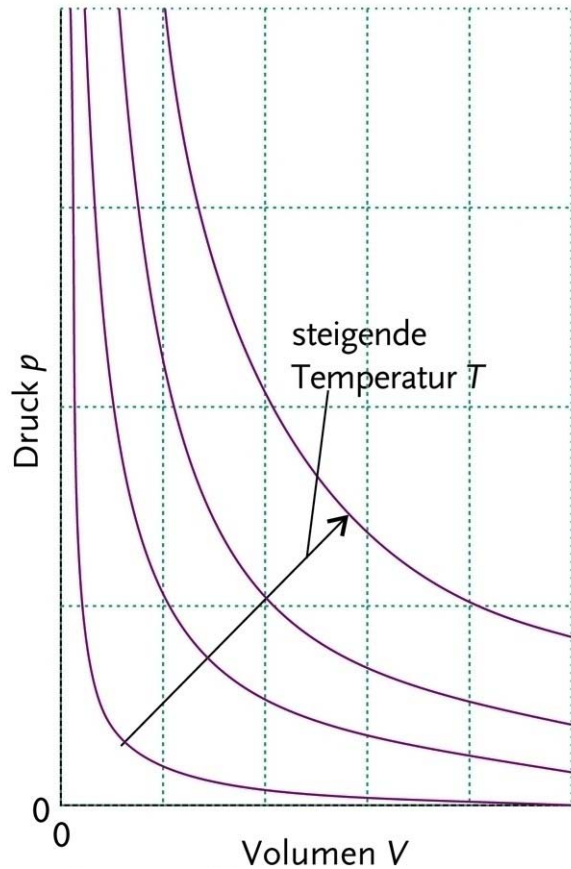


Boyle-Mariottesches Gesetz

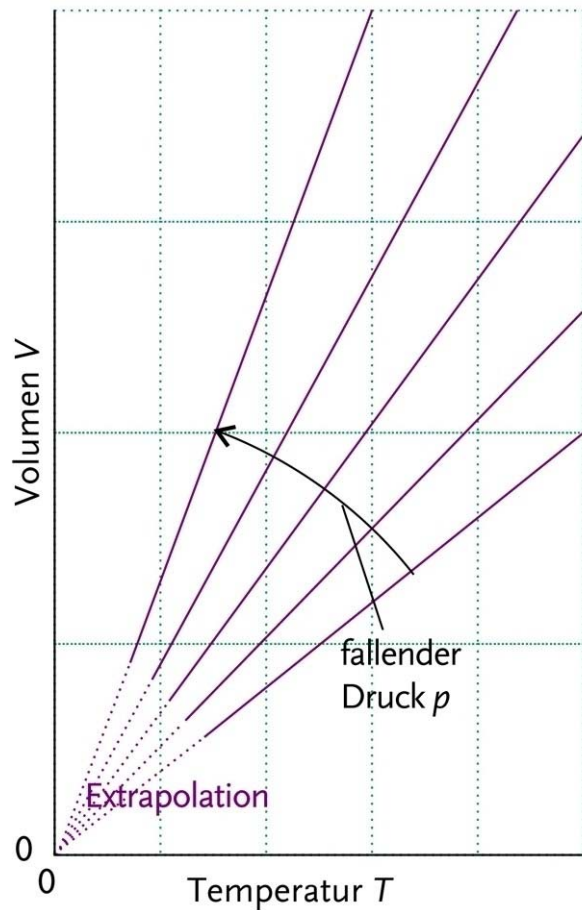
(Robert Boyle 1661, Edme Mariotte 1676)



$$P \propto \frac{1}{V} \Rightarrow PV = \text{const für } T = \text{const}$$

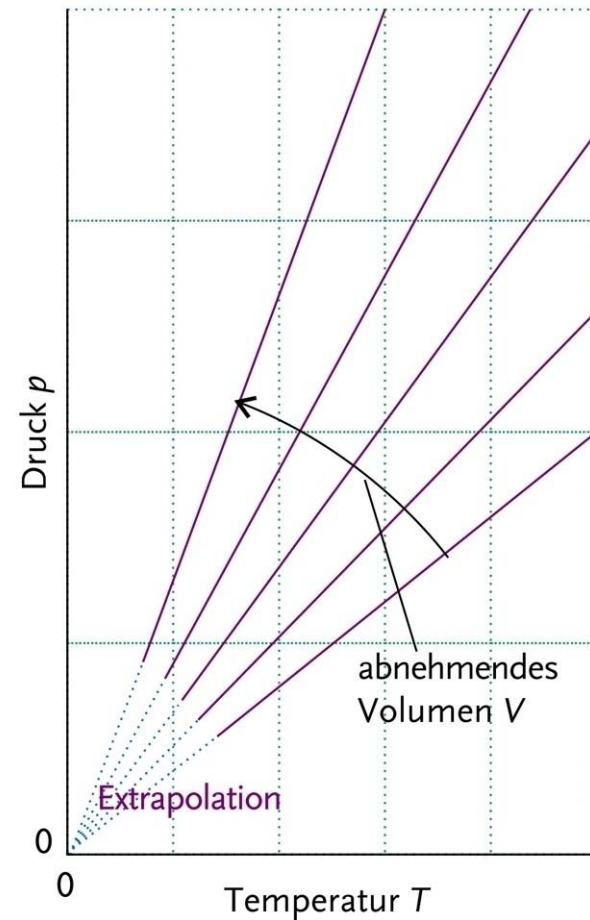
Gesetz von Charles /Gesetz von Gay-Lussac

(Jacques Charles 1787; Joseph Gay-Lussac 1802)



$$V = \text{const} \times (T / ^\circ\text{C} + 273.15)$$

für $P = \text{const}$



$$P = \text{const} \times (T / ^\circ\text{C} + 273.15)$$

für $V = \text{const}$