Notes on Using Property Tables

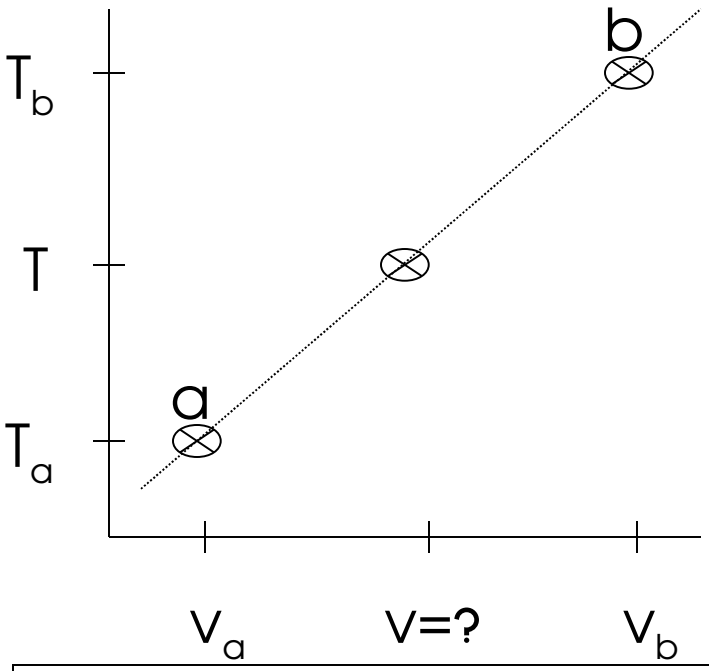
- Some tables do not list ***h*** (or ***u***) ***u*** (or ***h***) from **h = u + pv**

- Values for compressed liquid is taken as the same as that of saturated liquid at the same **temperature**

  ex. T=25°C, P=1 bar (compressed liquid)

  $h_{25C,1b} \approx h_{f@T=25C}$

Interpolation



Assume a & b connected by a straight line

Employ concept of slope $\frac{\Delta y}{\Delta x} = const.$

$$\frac{\Delta v}{\Delta T} = \frac{v - v_a}{T - T_a} = \frac{v_b - v_a}{T_b - T_a}$$