

Phase diagram of a “normal” substance [ts13]

(a) pressure versus volume versus temperature

- 1-phase regions: solid, liquid, gas (vapor)
- 2-phase coexistence regions
- 3-phase coexistence line

(b) projection onto (T, p) plane (intensive variables)

- 2-phase coexistence lines
 - vapor-pressure curve
 - fusion curve
 - sublimation curve
- 3-phase coexistence point
 - triple point

