Phase diagram of a "normal" substance

(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