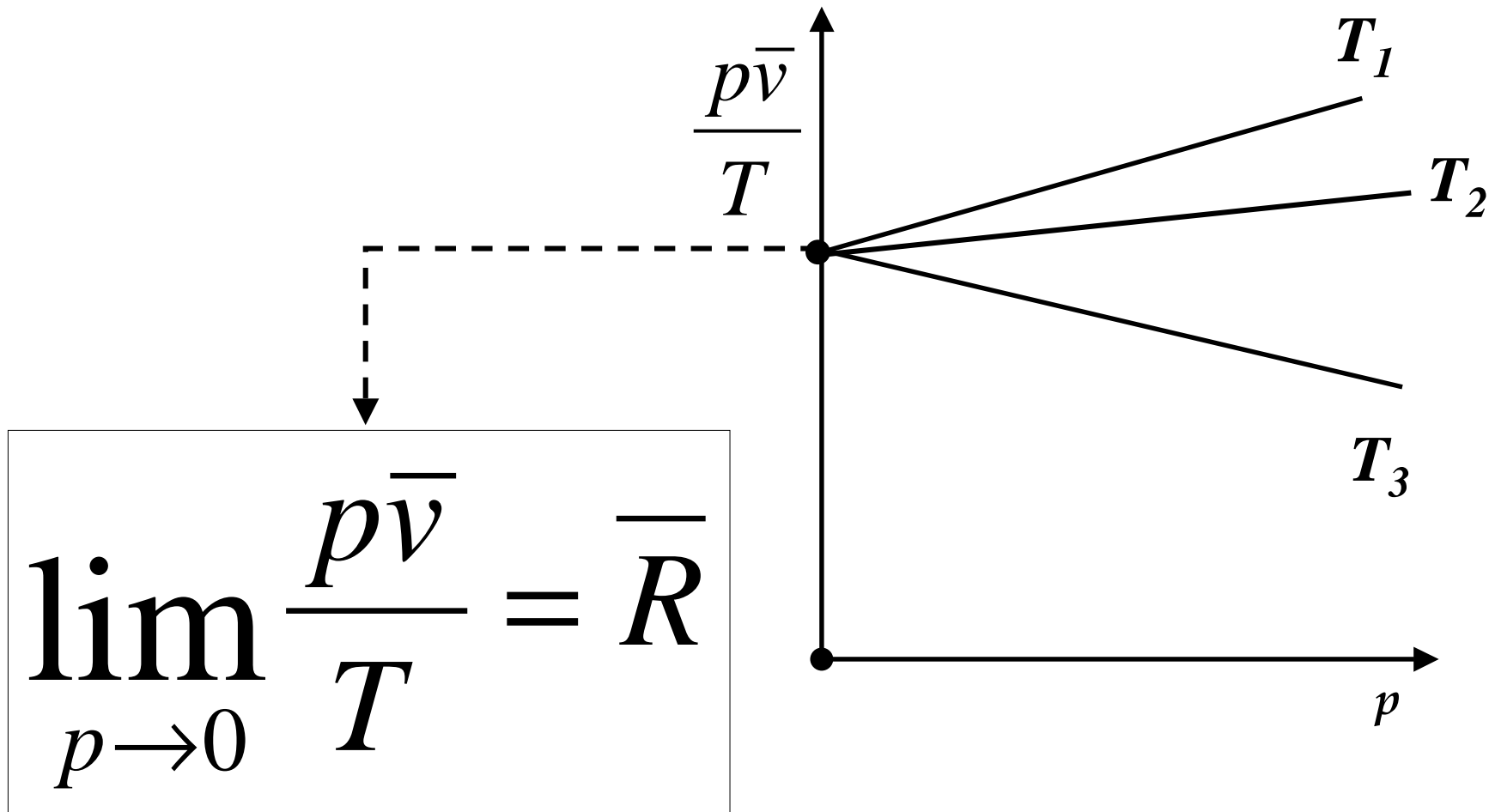


P-V-T relation for ideal gases



The ideal gas equation of state

$$p\bar{v} = \bar{R}T$$

This implies: (1) very little molecular interaction ($p \not\ll 0$), and (2) molecules are point masses, i.e., zero volume.