Types of Solutions: Fugacity Expressions

\[ f_i = x_i P_i^{vp} (\text{liq.}) = y_i P_{sys} (\text{vap.}) \]

\[ f_i = \gamma_i x_i f_i^0 (\text{liq.}) = \phi_i y_i P_{sys} (\text{vap.}) \]

All solutions (nonideal solutions)

MIXTURES OF IDEAL GASES

Ideal solns

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