

α^{eq} is given by the relations:

$$\begin{aligned} \alpha^{eq} &= 0 && \text{if } v > v_A \\ \alpha^{eq} &= (v - v_A) / (v_B - v_A) && \text{if } v_B < v < v_A \\ \alpha^{eq} &= 1 && \text{if } v < v_B. \end{aligned} \quad (4.6)$$

The graph of α^{eq} is given in Fig. 4.1.

As seen in Table VI, we assume the constancy of physical data, such as C_{v1} , Γ and so on, regardless of pressure. We use the equilibrium value ($-.065 \text{ Kb/}^\circ\text{K}$) for dp/dT in the coexistence region unless otherwise stated.