

Figure 14.1. Pressure-volume isotherms for WAC and real silica. Experimental data are from Ref. [3]. The liquid data are shifted upward by 8 GPa to facilitate comparison with the other curves. The protocol for generating the simulated data is described in Ref. [9]

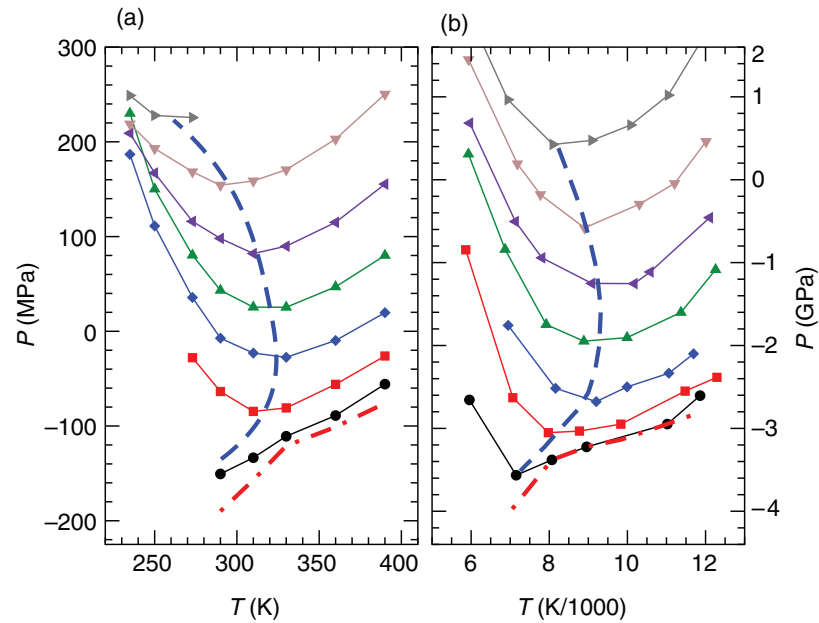


Figure 14.2. Equation of state features of (a) ST2 water and (b) WAC silica, projected into the P - T plane. Density maxima (blue dashed lines) and liquid spinodal boundaries (red dot-dashed lines) are shown. Isochores of P as a function of T are shown as symbols joined by thin solid lines. Equally spaced isochores are shown from bottom to top in (a) from $\rho = 0.8$ to 1.1 g/cm^3 , and in (b) from $\rho = 1.8$ to 2.4 g/cm^3 .