

1 Calculation of $\frac{dT}{dp}$ for water

Calculate based on the Clausius-Clapeyron equation the value of $\frac{dT}{dp}$ near $p = 1\text{atm}$ for the liquid-vapor equilibrium of water. The heat of vaporization at 100°C is 2260 J g^{-1} . Express the result in kelvin/atm.