Units: Thermodynamic results can easily be translated from fundamental units to conventional units. The only quantity that will cause difficulty is the heat capacity, defined below in (17a) as $C(\text{fund.}) \equiv \tau(\partial\sigma/\partial\tau)$ in fundamental units and as $C(\text{conv}). = T(\partial S/\partial T)$ in conventional units. These two quantities are not equal, for $C(\text{conv.}) = k_B C(\text{fund.})$.