

P556 Problem Set #10
Due Monday 4/18/05

Problems in K. Huang on page 303

① Problem 12.4. Note there is a sign error. The result should read

$$\frac{\partial}{\partial T} \left(\frac{C_V}{Nk} \right)_{T_c} - \frac{\partial}{\partial T} \left(\frac{C_V}{Nk} \right)_{T_c} = - \frac{3.66}{T_c}$$

② Problem 12.5

③ Problem 12.6