Chem 534: Problem Set #8

Due in class: Thursday, December 3rd

(1) In the sequence of expansion coefficients b_j, of which we determined $b_1 - b_3$ in class, find the next member b_4 in terms of the Z_N. Then express the 4th virial coefficient $B_4(T)$ in terms of b_2, b_3, and b_4.