Kittled TP 5.6 (a). 3 = E exp[(//n-Es(H)/y] = 27 exp[(N)/7] |M=0 + Z exp[(NM-Es(H))/3] N=1 = 1+ 2+ 2exp[-E/7] (1) => <N>= 0(1) + 1(1) + 1(1) ep (- E/2]) (6): <N(E) >= 0(1) + 0(1) + 1(7 ex) [- 2/2]) (d). (E) = O(1) + O(A + E()ep)[-E/7]) (e). This modification is equivalent to taking the sum in part (a) to go to N=2, girry an aditional term of exp[(2/1-8)/7] = /2 exp[-8/7] = 3 = 1+ 1+ nexp[-2/2] + 2 exp[-2/2]

1.9.2024.