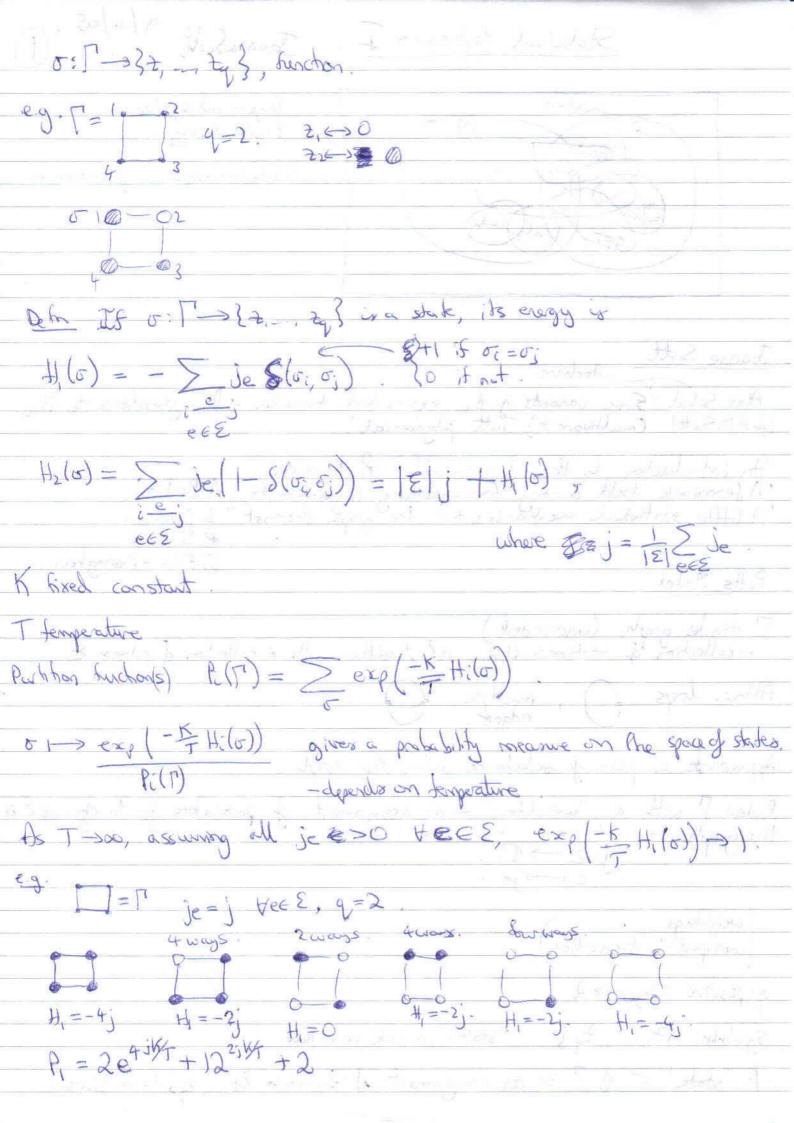
James H 9/10/08: Statistical Mechanics I Dyamical system. Egadic theory: Solish: non-equi phenomero Jeanne Satt: Ardrive Alan Sikal : Some varants of the exponential termula with applications to the (&AD. Scott) (multivariety) Tett phynomial. "An introduction to the dimer model," R. Kenyon.

"A fermionic field theory for spanning hyperforests," A. Bedinic.

"A little statistical mechanics for the graph theorist," L. Beaudin R. Schrock.

T. Ellis - Managhan Potts Model Thirde graph (warested)
- collection of revices 4,2,, a) together with a collection of edges E Allow: logs ), multiple of edges. Approximate a piece of substance using the graph Endow I with a "weighting - an assignment of parameters je to edges effection the graph, i.e. j. E > C. (consepord to Sugacifics) q: positive integer ≥2 Symbolis (29,000, 29,3 "states" a node can have A "state" of of I is an assignment of symbols it, aft to vertices



(Mathematical) problem. nested sequence of hinte graphs Vertices embed. Edges embed. Ti is the induced on Phase charges are governed by thisinternal heat specific -