(a): (1) {5 | Q\$ (5) = 0} = M(L) Maurer - (ck schore €) 47= \$ on M(L) J & . S' invl - cplx - st. To the Attalogor Need to compare Lour'd Foods perturbiting to prove this. Keller - The Ferodicity Conjecture via CY Categories: mathematical physics

penduity asporte:

applications to competioning of rachel chase in CFTS

belongesthan sheatether Al. Zamolodchikov, 1991 graf based on homological alphan, study of certain 2-Ly trang-labs cat philosophy of proof: talegarhiation. ingredient Z: there .t closh alyters (Form - Zelevinsky, 2002) 2. The beginning of the preof: the relegantication of rost systems Playa: 1. The wyschoe 3. The ons of the preof: honologs (1) perodicity. 4. Desset: quive-vesses et the conjecture. Dynkin dongrams (simply (red)). 1. The conjecture Dn | 2n2 | E6 | 12 vertreis: I = {1, -, n}, I'= {1, -, n'}

(ox. numbers h resp. h'. cordu of cretu elf, see teste!) E7 18 Incidence matrices: A resp. A' so 9:5 = { 1 7 1-1 Eg | 32 Variables:  $y_{1,i',t}$ ,  $i \in I$ ,  $i' \in I'$ ,  $t \in \mathbb{Z}$ .

equations:  $y_{i,i',t-2} y_{i,i'+1} = y_{i,i',t} y$ Consi All solotions are person of person dividing 2. (4+4') [Gabriel - Unppel: algorithmen of 100/ mokes]