Mass-Mass Stoichiometry Math for MIS How 8,2019
- day in the to including of O Tipes 2Na+2HCl -> 2NaCl + H2 ex Na, N, Cl ElementT = { H, He, Li, Be, B, G, ... } = not strango (1, Na), (1, A), (2, H) MealeT = type of (num: N, elem: Element) Compound T = Set of MoleculeT = this says order down't matter to 3 No (1, No) } Component = typle of (num: AV, Molec: Moleculet)
typle of (num: AV, Compound: Compound T) (CI,A), (1,C { (1, Na), (1, [(2,H)} Stoichiometry = tuple of (Aum: N), Compound: Compound T)
Stoichiometre = tuple of (Aum: N), Compound: Compound T) (2, {(1, Na)} (2, {(I, H), (I, (2, {(1, Ma), (1 Chemical EgT = set of Compound StoichismetricT (1, {(2, A)}) Roaction T = Sequence [2] of Chemical Eg T fanetur type (signature) Functions atomiz Mass: Element T -+ R atomic Mass (e) = $(e = H \Rightarrow 1.0079 | e = He \Rightarrow 4.0026 | ...)$ num Atom In Molec: Molecule T x Element T -+ iN num Atoms In Molec (Mine) = (m, elem= e =) m, num | m. elem = e => 0) num Atoms In Compound Wa: Compound T x Element T -> /N rum Atoms In Compound (C, e) = + (m: MoleculeT/m & Co. num Atoms In Molec (m, Pares & Schneider notation) (D(x:TIR.E) num Atoms In Stoichionneline: Stoichionneline T x Element T -> N num Atoms In Stoichionneline (S, e) = S. coeff * num Atoms In Compound (s. Compound. e