Lets walk through I chosen combination through the full recursion Suppose we have selected the particles for the root constraint T. [C+, C-, C+, C-, [N, N2] [211, -211, 321, -321] [22, 22] we also introduce a new set of arrays: Loolean flags for Belected particles true = used/selected "duret use again" Tan [0, 0, 0, 0] News! [0 0] Sturbing from the topic child cuteve antendy established root separately -get 331's leaves = generate all possible combinations for 331 tour unused part. from T* NX - Combos: [C7k C8k] (no more combos) (Newtral of charged) - are 331's shamedeate children Nerves ? > yes so mark / tracks used - recurse to 321, -321 (there are lenses so more up) array states Constraints purheles [Cit Car CTK C8K] [N. N2] J/4: [CIT CIT CTL C84] [N. NZ] [001] Pi [Cont Cak]

 $\mathcal{L}(X \times X \times X)$

77°![x x]

3