Three Bets A, B and C are disjoint, if they are pairwise disjoints, (i) A N B = 4 (ii) Bnc= \$ (iii) Anc=4 ). A, Az,..., An are disjoint, we call A; NA; = 4, 7=1,2,...,n, Ris a relation on a set A >> R < AXA RCAXBXC = ternary relation EA, XA, X -- XAn = n-ary " Database Systems  $A = \{5\}, B = \{5,8\}$  $A \times B = \{(5,5), (5,8)\}$ R S AXB  $R_{1} = \left\{ \left( I_{1} J_{2} \right) \right\}$  $R = \{ (\lambda, \lambda) | x \in A, \lambda \in B \}$ R = (1)8)  $\widehat{R}' = \{(y,x) | x \in A, y \in B'\}.$ R3= AXB RSAXB, RISBXA