gening 2

· 6 relatje este un trylet «= (A, B, S) vode ApB = multing ($f \phi$) $S \subseteq A \times B = \{(a,b) \mid a \in A \setminus b \in B\}$

· O fortige of = (A,B, T) sto relatio (inter A in B) an popr. ca taet (3/bEB ai. (a, b) E [f

exists unic

If = grafied his f 1 = {(a, fla) a & A &

Notation X: A -> B + A -> 5 x(a)

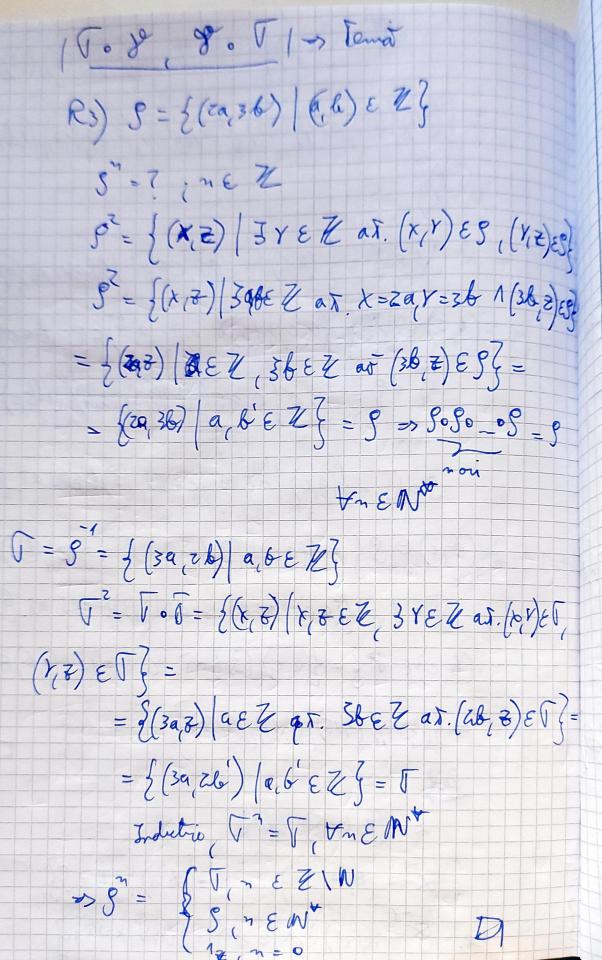
Eongunera relativor $\alpha = (A, B, S), (B(B, C, S))$

Box = (AC, 3.9 = {(a,c)| 3leB av (a,b) E9, (bc)E9}

conjunera reblijler & zi B

(a, b) ES < a g b (a, b) \$5 00 asb $(80B) \circ X = (4,8,9) \cdot \beta = (B,C,B) \cdot 8 = (C,D,E)$ $(80B) \circ X = 80 \cdot (B \circ X) \cdot (ancistrator)$ 2) Doct A+ = {(a,a) | a E A & m) 1/4 = (A,A,O) XOIA = X FX = (*B,9) 180x = & Fa = (A, B, 9) K) A = {2,9,6,8} (B = {1,3,5,7} S= {(p,r) (x > 6 V > 1 = 4 × B = { (6,1), (6,3), (6,5), (6,7), (8,1), (8,3), (8,5), (8,7), (2,1)(4) AXB Re) A=B= N $S = \{(3,0), (5,3), (3,3), (5,5)\}$ $S = \{(3,0), (5,3), (3,3), (5,5)\}$ $S = \{(3,0), (5,3), (3,3), (5,5)\}$ >== {(x,x)(Y-X=12}= WXN 508 = {(a, z) (a & W, CEW, JBE War (a, b) & 8, (b, c) &)

$$S \cdot N = \{(a,b) \mid a \leq b, (b,c) \leq \{(a,b), (a,b), (a,b) \leq g, (b,c) \in V \neq \{a,c\} \mid (a,b) \in g, (a,b) \in g, (a,b) \in g, (a,b) \in g, (a,c) \mid (a,b) \in g, (a,b) \in g, (a,c) \in g, (a,c) \mid (a,b) \in g, (a,b) \in g, (a,c) \in g, (a,c) \mid (a,b) \in g, (a,c) \in g, (a,c)$$



$$g^{-m} = \frac{1}{2}(a_1a_2) = \frac$$