

Lemet; Nûch Q() bestrie CQ ber 2m. nohyd, a

N. D. - borp donym. Noste pupa ce vermin op winnenerne:

Noste pupa ce vermin op winnenerne: P(a,b)Note P(a,a,b)Note 1) Zet 6 rm, i D to Q, tem ie istneig tolie o, tem ie odem (D), i D+ q (e,...,en) Wteley findinge h: {x<sub>1</sub>,..., x<sub>n</sub>} = aclon (1) Edefinnene tele:

h(xi) = ai, y (dlo i = 1,..., n)

the hermomofinnen. M) endopiny jampt hamation > vertos insmenie Evelverje regyfor Levieronie sø zesyfor (madel cheding)  $Q \subseteq Q'$   $\equiv VDDD \models Q \Rightarrow D \models Q'$ Tw. (177) Nich Q, Q bedy CQ ber zm. nelnyer Norske zuspe wennelli se nemnosne 1) Q Q Q' 2) Istmère hermanosfran h; DQ' -> O S 3) DR 12 Q' 1) > 2) 20). Q c Q ', Way jo D R 1= Q V tolin morée (DQ \ \ Q')

V tolom vorie for hormonficmh: DQ \ \ > DQ 2) => 3) 2 (enoth. 3) ≥ 1) DQ = Q!. 2 cemeter istruée homontier h: DQ -> DQ Denny danely borg donyth D.

Lotomy is D & Q. Is mige homorfiem h'. DQ > D.

Deenye D & Q!???

Tole! 2 along, is h'(x) = h'(h(x))

Ishnige h'': DQ! > D gst homograne. Element D & Q!

Jn, 0 22 -> 0 27 hw, h(v) 0,:- = (0,6), = 6,0)  $E(v_{\omega}) \rightarrow E(b_{\varepsilon})$ h(i) = b h(i)7Qz: 50, w 2 (Uz)  $N: DQ_1 \rightarrow PQ_3$  (DPis (i, P, 0)  $Q_3 \in Q_7 \quad h(a) = h(b) = h(c) = x$   $Q_3 = Q_4 = Q_4$   $Q_4 = Q_4$   $Q_4 = Q_4$ Q1=Q1 John probeteny z moidres'ig eoghen hommtynyte! E(S(T)) Q (s,t) = E(s,t), ( \\ \( \) \( \) \( \) E(+2,+3) 1) Q x (s,t) - i strie je science dou din posi E (tz,t)
2) s do t " drê do chieliosmy zolet vel,
3) pre dischie dombonique v prodely Te vuy he sp up i dre v irrd (rrk, æni v elgebne relegi) Dotalog - jgyk, v klorzm umożlimony wżynomie veluneuj. Prograv a dotology to it regul pasteri Symbole reloupue distorsjonalne (te 2 bary dough)

rupted (donning ai prechate): T(x,y):=E(x,y) T(x,y):=E(x,z) T(x,y):=E(x,z)oold (x,y): - E(x,y) foold >  $E \cup T_{1,1} \cup (G_{23} \cup E_{23} \cup E_{23})$ oold (x,y): - E(x,z) even (z,y) even =  $U_{1,1} \cup (G_{23} \cup E_{23} \cup E_{23})$ even (x,y): - E(x,z) oold (z,y)z) Severelyho megram dortelogowep: - mgume joe vous. voumas - 2dd, spost obliname uguelar Scalienz vouie telière attro du vouroir vels Cheponyejn: med T= adom (D) x adom (D)? To o co nom dudni to un dienche woning conti To hade telu vomann na vojmieja venyranie (knostera-Tenships) Algoria cerdingi grogram II 1. mtens ungeletie intougoche velorge ne o 2. sestessig mystin veguty 2 Tr noundrigte fan. mylig mene mense mystig in type verlage 5 pouto nei 2 both times or oning que a poule stelly 4. Zurs i unie (neloui Vrasheng sig.) 77 = EU 171, 1 (62 => (6 × T°)) = E 72 = Ev W1,4 (6 = 3 (Ex71) = Ev mm (25 t2)

