0 = (4x)6 => 4 CAFP + h: TZ(x) -> CA + ho(e) = ho(x) Al=neG PIC (NIST: AF MAKE) D(XE) & M CED CO hole) = hold + l= he6 6> 4h. A -> M =1 A(0)=A(b) @ 6.4-18 \$ (=0) € = 1 EN) (B) 4. TE(X) -> TE(Y) PE(4) G => PE44 R(G) TWILLERBEAND exproducts of GETE(X) XTE(X) 1) P = (4x) G S) TEN F(3X) E 3) 3 4: LE(X)-1LE LF(A) A(Q) (=> A(Q) E=(E) TZ M TZ,p-Tz] IS'U FU 4. TE(X) -> TE, P + €= N ∈ G Role) = Roln) TE(X) provection 3 4: FE(X)-) TE 4; M=R Tz(x) alp libera -Tre e= ne6 hole)= hole)= hole) (4m) (10) = (4m) (n) =) => (40; ma) (8) = (40; ma) (2) => =) m (40(8)) = MO(40(N)) => 4(e) c=p) (g) ヨ ゆり(りきゅんび) => D = (A \phi) A(e) 3=12: Se dem pl I - ditoM+1 中(4(4))=主(4(4)) -ON- 44) ALC. 15-001 45=246 MESTICE (D(KE)=M) 1(1)= N(1)

M Curs of

E(X) TE = on Fie or FIP $\Delta != \Psi ; \chi$ The $\ell = \Lambda^{T} \in G$ divising $\Psi(\ell) = \frac{T_{Z}}{\rho} \Psi(\delta n)$ TZ ~ CHEN (4; d)(e) = (4; x)(h, Se aplice des cough souvertica: D(e) = D(r)BULLY-117 / x = f(y) Tz (3x, ys) -> Tz (5y1) Def) Solution pot $(\exists x)$ 6 in Z-alg et $s: T_{\overline{z}}(x) \longrightarrow ct$ $s(6) \subseteq \exists ct$ about TE(X) Arch a) S:= s; Met
b' Bats, TE(X) provectiva 5 > An = A/=p $3A:T_{\Sigma}(x) \rightarrow oA$ $A, m_{ct} = S$ n toate comparently) D) se soluty down c=3) Se solutye classica: + l=1=6 \$(0=5/2) New: $N(G) \subseteq \mathbb{R}^{A} \iff A = 1 + CG$ APPLANTAGE (N(E)) = 1 + CG Bm = } (m, m) / nu cote } 1_TE(x) este solide pt (3x) s ASTE(X) XTE(X) AS= 17-(X) (A) = A S = = TE(X) Companiere unei solution cur que suf e tot solution $A: \overline{T_{\Sigma}}(x) \to cA$ solution $A: \overline{T_{$

Dew. $A(G) \subseteq \Xi_{n}$ $h(A(G)) \subseteq P$ $h(A(G)) \subseteq h(=CA) \subseteq P$ (s, h)(G) = = sil exel of (ax) e D B nort nat znaist z list 76 Courtain took lestele de laupe care sa inverpa cu O. op 0:-, mat cop(L) = S(S(Q)) cop(L) = 0 $T_{2}(SL3)$ op s: not -, neat op rule: -> list op __ : list list -> list [assoc] Paramodulater / op cop relist - , most c[a] 1) 6 - (c[r] 06) op color weist - list (44) e= net) Se calc c/g u = [xuy] -) T_E(Z. var E: Nat van L: list ep eap(EL)=E c((a)) 11,a? ep cdr(EL) =L op #: lest -1 ruat (3x) 2+3=2 le/fel eg # (rue) = 0 \$ # (EL) = A (#(L)) 1 84) 4+3=7 (nuruele man/con legate pot L'schiruborte) (th) (=) /> ex di ex necond. #(EU) = \$(#(LI)) CGU 3#4 #(EU) [L-EU Tz (8E,43) S(\(\frac{\psi}{(\omega)}\) = S(S(O)), cap(\(\varepsilon\) = 0 #(E1 L2) = D(#(L2)) CGU} #(1), #(E1 (2) } C: B(2) = B(B(0)) MO(#(L))) = N(D(0)) cop(EE(2)=0 TZ(() E, E1, (23)

E (3E, L1, L23) L=EL1 = $D\left(D(\#(2) = D(D(D))\right)$ 12-0 me = E = 1 (2 = # E El mel #(ml)=0 TE (35,43 E=0. = O EI rue $\Delta (\Delta(0)) = \Delta(0) = 0$ Celinuimanea egalitation admonate GUS (= (3) -) G. M. Calculot p Repuli de deducter

* repedor morfismului for TE(X)->TE(Y) identitatea G - o R(6) ref calculat e R Repula reflexiei extinse A: TZ (x) -17Z(x) A(R) = B(x) GUS (=) 72 B(6) mif calce · R. reflexies h: Tz(x)-) Tz(Y) -h = CGU3 P, r) GU { l= r}-3, R(G) ruf. eale e R. Regula ref , referre extrava Regula ref. Reflexiei extincte elinuinvoirea egalitațios evaluarati Referre s h(G) U} h(1) = h(1) } - \$\frac{3}{4} \tag{6} GU } (=) } -Guz 1= 25 causeles =1

eap (E2 L3) = (E2)

$$A = (A_3, A_4)$$

$$C = T_{\overline{E}}(A \cup \{0\})$$

$$C = A_1(A \cup \{0\})$$

$$A_1(A \cup \{0\}) = A_2(A \cup \{0\})$$

$$A_2(A \cup \{0\}) = A_1(A \cup \{0\})$$

$$A_3(A \cup \{0\}) = A_1(A \cup \{0\})$$

$$A_4(A \cup \{0\}) = A_1(A \cup \{0\})$$

$$A_4($$