BILET 2 1) p->2>1(2->4)->7p->7 S= /1->2,7(2->7)->7,7(p->2)/ P-> 9 (=> 7 12 V9 = C1 7(79-37)V7P)=(9-37)NP (9-37)V7P = (3)02-79VX B=12 7(ルーンカ)=アハファーン (4=ア (5=7) 5= 17 (N) 70 70 Vraging 72 726 ·literalis disponibili hestora (4, c3) = 2 (2) = C6 man (C2, C6) = 7 villy = C4

&(tx)A(x)y(tx)B(x) = (tx)(A(x) VB(x)) doca +i Mumai doca: (YX)A(X)Y(XX)B(X) H(YX)(A(X)NB(X)) DAPLICAM distributionates not late de no (UX) A(X) V (UX) B(X) (UX) A(X) A (UX) B(X) H(4x)(A(x)∧B(x))->(4x)A(x) Y(4x)B(x)=U Folosimi metoda tabelei semantice pt 70 $\neg \left((\forall x) (A(x) \land B(x)) \rightarrow \left((\forall x) A(x) \lor (\forall x) B(x) \right) \right) (i)$ (tx)(A(x)AB(x)) (2) 7 ((+x)A(x) V(+x)B(x)) (3) 131-2 7(\frac{1}{2}) 7A(x) (4) 7(4x)7B(x) (5) (4) 8 a constanta mara 7A(a)(5) 8 le constanta moua 17B(6)

observatal o. to limitalo. (2) of complate existente Ala) (Bla) (6) ALLINBILI (7) (HX)(A(X)AB(X)) (2-copie) 161-2 A(0) B(a) (F)-X Alb

dim tob semantica e Indrisa

=> v estre toutelogie (volldo)

=>(\fx)A(x)V(\fx)B(x) -(\fx)(A(x)\D(x))

circuital sunctiei mitale: [] Am jobosit metade tabeled semantice, care spune cà doca lui 70 ji corespunde o tobelà mobile atunci v este tautalogie (tecriema / volido). -0-labela semantica este mobilsa doca are teade romurile mobile. - 1/2 deschitsà daca are cel putin o namura deschisa -11- complete, deva este mehira san doca s-au descompins toate problemele de pe aca hometa. - doca orborele binar mu este complet, mu se poode decide validitatea for (consistent) lormulei 3. g(x1, x2, x3)=(x1x3) × (x1x2 x3) × (x1x3) × (x1x2 x3) XZ m m m XZ X3 1 monom maximal (=> ci -> 1 strawea forma 1 monom contral) -> ci -> 1 strawea forma simplificata &(X/1/X2/X3) = X3 (5.)

