## BILET 3

(1) ce este o tectema?

O teoremá este o jornala propositionala sare este evaluata an junto adevarata in orce interphetane.

Sistemal axiomatic (formal) al calculului pirce:

· propus de Hillert, deduction formal

P=(Zip, fp, Ap, Rp)

Ip = var\_propos. U Romective U 1/5/4.

var-propos= -> pigitipipi. - 9 conective = 17,1,1,->, <>>

FP-multimea J. prop. corect construite

-loaa n, E Fp si=1,2...

- inductia: dacă U, V EFP atunci: 7UEFP, UNVEFP, UVVEFP, U->VEFP, U->V

- Inchiderece: toate lormulele din FP De cooper door principale regulilor precedente, de un

mumair simit de où. -> meteda simtactica - TD, 17D, Reseduția. Axiomet 3: 43: (U->V) Az: (U->(V->2))->(U->V)->(U->Z)) F(U->(V->Z))->(U->(V->Z)) (J-76) (U->V)->(U->E) - (V->E) 170 (U->U)->(U-XE), V->Z+U (U->V)->(U->Z)(=>7(U->V)V(U->Z) (=> (UVVVVV)) (UVVVV) (UVVV) (TVVVV) H(U->(V->Z))->((U->V)->(U->Z)) 170 U->(V->Z) -(U->V)->(U->Z) 170 U->(V->Z),(U->V) + U->Z 177 リン(リンと),リンソ,リトそららし、リンマ(リンと),リンソ,リアそ

U->(V->Z) <=> 7U-V(V->Z) <=> 7U-V7V-YZ=9 U->VC=>7UVV=G U=(3 12=64 Ken (C1,(3) = 71 V V Z = C5 hes (c5, C4)=7V=6 Res V (CG) Cz) = 7U = C7 Res. (C+1 C3) = [] => multimea S este inconrahatenta => . Apeate tautologie => Az erde tautologie.  $S = \int p(x) \log(x) v M(x), T g(y) v M(y), M(a) \Lambda T P(a) f$ (p(x)Ag(x))V K(x) = (p(x)VK(x)) ~ (g(x)V K(x))  $C_1 = \rho(x) \forall \gamma(x) \quad C_2 = g(x) \forall \gamma(x)$ C3=79(y) YM(y) (4=17(a) (5=7P(a)

9:X60 Res n (C1, C5) = M(a) = C4 C1=(X) UT(X) (CG=Mpla) C4=7(a) -> danta my moi rezdrici ou miciona din celebridause => multimea mu se pooste obtime clause vida => multimea este consistenta. Very core: - hiam alte 2 clausse de moeput Bo: XEY 23=79/4/17/4/ cz=g(x) YM(x) X2 M(y) M(y) (=> n(y) ·W. -deservoim ca orjungem la acelasi resultat -> reationsmental este could => multimea 5 este consistenta

Heavile resolvent was devenu la happoul sau c partinde), jour resolventul va deveni la Handul Chausa dim militamea S, ou raite hereleva say a change parting ampreuma ou a outa Rezolutia limiana: re tout I chance come negetica (mumite chance vida sam se va ajunge la pairinte, pama abond se va dejuva

&(x1, x2, x2, x4) = x1x2x3 V X1X2X3X4 V X1X2 X3X2 X1 X2X3 X4 5

Parul 1: Identificateu suportulus functici:

Scanned with CamScanner

I	1	11	1/21	1=1	1=1	1 10	
H(b)= / max 1, max 1, maxs, maxy (		=		< <		S=) (0,1,1,0), (1,0,1,0), (1,1,0,1), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1,1,0), (1	
wy 1 xx		- =	>		0 - 1	1.(0) 1 (1	>0>0
m/2xs			1   -	- 0	20	refate	200
M (EXDI		1  -		0-	003	) (1/(	0000
J Hyron			Z Z Z	41.W	3 mm	(10/1)	
	MIS VMITS AND THEM ON WIS NOW WELL ALCOURSH AN WISH					(1,1,1	0000
							0000
	E TRIPA	$= x_1 x_2 x_4$ $= x_1 x_2 x_4$	MIS-FOR			(1,1,1)	
	7 1	2 £	31		Park a		n CamScanner



