

Bonus: dem hope 1.80. 3) Seminar 2, ii) Dem ca pt. rice P, Y c Form, = PV Y C=, (=) F of san = 4 pt vice 1, 4 = Form, = & V 4 (=) (5) pt. since e: V-> {0, 1} e(PV+) = 1 (=) (=) pt. orice e: V-)(0,1) / l(1)=1 mil(4)=1) enem e(t) = 0 sin e(t) = 1 e(t) = 1 sin e(t) = 0(4) pt. since : V -> \ 0,13 e (P)=1 ni e(Y)=1 e (1)=0 mi e(1)=1 e(4)-1 mile (7)=0 De exemple, dara brosson l:= vo si +=: 7 vo aven et pt. sice e: V-> {0,7} aven et = 9 V Y, dan este borident ca son are loc pt. onée 4: V-> } 0,13 F ~ ni ~ l. vice e 2; V -> }0,13 +750, dace luam simultan e, (50)= 0 i, e, (50)=1 (nutem loca am ia 1, ≠ l2)

4) Aratati, foloried revolutia ca Peste ment. P:=(~0, ~~2) ~ (~~1~1) ~ ~~~ ~ ~ (~~)~~) Λ 7~3 Λ (~, -, ~) Transforman formula in FNC pe care o von transforma intr-o multime de clause S ple rare van încerea sã oblinem D'(clausavida). · Il donin implication d':= (vo VVz) 1 (752 VV1) 1 1 1 1 (7 vo V v4) 1 7 v3 1 (7 v4 V v3) · Din prop. 1.41. aven at = 1 (=) = 5p så dem så Sp · Sp = { [vo, v2 }, [702, v7], { 700 }, [700), [700), 1 203 1 , 1 20, 03 9 Cq: - d 7 5 , Res ((7, C4) Cg: = { \ \sigma_2 \ \}, Res (\ \c_3, \ _1) (10:= \ \ \sigma_1 \} , Res(\C2) 17 / Rus (C 10, C 3)

5) Eie 1, 4 e Form. Den ca: い「ドナットニナー」「ドナ " = 1 înveamore co pt. dice &: En-)] 0, 1} ec Mol (r) => e e Mod (7) Cu eumane, aven la pt. vièce e: Em-) } 0,1 } eculod (r) ru e (t) = 1) re pt. orice e: Form ->10, 13 e culod (17) n' e(1-1+)=1

E) pt orice e: Form -> 10, 13 \ m e(1)=1 ni
, m e(4->4)=1 => -1(-- e(4)=1 mi e(イ)-) タ(Y)=1 (=) -/1- 1-> l (+)=1 E) (=) pl sice e: form -) \ 0,13, e & Mod (1") ovem x 2 (7)=1 (=) 1 /= 4 ii) PULABET (=) P= 4-> 4 fie e e Mod (1) "=" = T) e(P)=0 Atuna onem so l(f) +) = l(f) -) & (H)= 0 -> e(+)=1, ++EForm Deci 1= 7->4

丁り & (イ)=1 Atema avera en e colod (1 01 1) des =) e & Wod (4) Astfil seven så l (1-)4)= l(4) se (4)= Deci & E Mod (7-) 4) -) taltie => Mod (r) c Mod (f->7) (=) r = f->7 ,, (= " : . aven i (f \$.-) 4) = 1 (=) (-) e (1) = 0 sou e (4) = 1 Dorin så fortrån casul e (7) = 1. Ca umare, vom defini e'(1) =) e(1), 1 + 1 evident, moren a e c Mad ([U]) Ca umase, sum e'(1)=1 aven sã singustos posititate roman sa fie l'(+)= e(+) = 1 Astfel, om dem. ea 1° v 3 f 3 f = *