SEMINAR 7:

Tedie tobs:

XXIPVYI # YXYV YXY Sue YXIPAYI = VxPA YxP si

Xx PIXI H Yy PEX fy] 4 subst. x cuy

ty fiys -> 2 mu ale y in el

7 ty fiyi VY H 17 by => Fy Fy Try V 7 H 74 17914, VAIH 74 1 Puy1 -> 41

7 (Jy (P191) V Y ₩y 1914, -> ¥1

P -> ty Piyi H +414 -> P141)

24 -> Fy Piyi H Jy 14 -> 91411

Ma ajuta in road valea exercifica:

D Fx 19v 4/ H Jx 9 v Jx4

@ 4x 19141 H 4x9 1 4x9

3) implicațiile ! sa schimb das am înst.

3 ngatile sā nu + im feta f si b

57.1 Ja se gaseasia famele manuale prenex penter rematerable famule ale

lui L:

Vx 1 fix=c) 1 7 VZ1 g14, Z1 = d)

H Vx I fix=c1 1 JZ 71914, Z) = d1

Yx (| fixi=c) 1 fz 1/9(4, 2) = d1

H Xx f z / 1fix=c1 1 7 1914, 21=d1 1

? am soos indai \$2 pt. ca mu ana mero, alo micio modif pt. ca "ie sea clirect"

(iii) $\int x \, \forall y \, P(x,y) \, V \, ^{7} \, Jy \, [\, S(y) \, \rightarrow \, \forall z \, R(z) \,]$ H $\int x \, \forall y \, P(x,y) \, V \, \forall y \, ^{7} \, [\, S(y) \, \rightarrow \, \forall z \, R(z) \,]$ El $\int x \, \forall y \, P(x,y) \, V \, \forall y \, ^{7} \, z \, ^{7} \, [\, S(y) \, \rightarrow \, R(z) \,]$ H $\int x \, \Big[\, \forall y \, P(x,y) \, V \, \forall y \, ^{7} \, z \, ^{7} \, [\, S(y) \, \rightarrow \, R(z) \,] \, y \, _{y} \, _{y} \, _{z} \, _{z}$

(iv) FEI FX QIXIZI V FX RIXII -> 7 17 FX RIXI 1 VX FZ QIZ, XI)

37.2. La se gaseasca et ferma marmola Skolom penteu enuntuel l'im ferma marmola pronex unde l'este, pe rând: La scaparm de f care deprinde doal de t

(i) f= Vx FE | f(x) = c 1 7 191 x, 21 = d1)

 $P_1:= \forall x | f(x)=c \ 1^{-1}|g(x, z)=d||z| k(x), k-un nou simple de$ $<math>P_1:= \forall x | f(x)=c \ 1^{-1}|g(x, z)=d||$ -u
functio de actate 1 (ii) $Y = \forall y \exists z \exists u \mid P(u, y) \rightarrow Q(y, z)$ $Y_1 := \forall y \mid P(i(y), y) \rightarrow Q(y, R(y))$ unde R(i - m)

(iii) 4:= fx \(\frac{1}{2}\) \

(iv) P = YZYZ FUYO (|Q|X,Z| V RIXI) -> (RIW V 7 Q10,U1))

Pi= VEXX 40 (|QIX, ZI VRIX) | > (R(LIX) V7 Q10, hIZIXI)

well h - ..-

87.3 | 101 graf complet 91:= 401 402 (7/01=02) 1 8/01,021/ saw implica

(ii) gaf. cu pap. ca dive vaif are exact a muchie incidents

Pa: = 40,402 Él 01,021 1 40, 402 403 (É(101,102) 1 É(10,03) 1 (10=03)

(4 Ariale 2 noclesi 01,02 sunt conectate intre ele si don cu ele)

iii cel puten un ciclu de lg. 3
Ps: - Fo; Foz Foz Foz [É 10, 021 1 É 102, 03, 1 É (03, 01]

S7.4 ?