Semimor 3

(1)
$$C:= \{ \forall v_0 \mid v_2 \}$$

 $Y = \{ (v_0 \land v_1) \rightarrow v_2 \} \land (v_0 \rightarrow v_2) \}$
 $N(\forall (v_0 \land v_1) \lor v_2) \land (\forall v_0 \lor v_2) \} \land (\forall v_0 \lor v_2) \land (\forall v_0 \lor$

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P3.1. X3= 02 , Tp3 = } { v4, b2, 7034}
                Tp3 = { { 702, 06 } }$
P3.2. V3 = { \703, 04, 06 33
P3.3. S'4 = { & 705,067, $7064, $7064, 06 4, $704,053, 303}
      Su = S'4
P3.4. i=4
Pul. Xu= 03, Tpu= } 90333
                 Ton = { 2703, 04, 06}
 P4.2. U4 = { { o4, v6 }}
P4.3. S'5 = { { 705,067, 4704,053, } 7064, 2 04,067}
P4.4 $5=815
P5. \ X5 = O4 TP5 = { \\ \frac{20041054190647}{20647} \\ 20041064}
                 Top5 = { { 704,054 }
P5.3. S'6 = { { 705, 064; 4706 }; 405,067 }
P5.4. 1=6
 PC.1. XC= U5 TPG = { 2405, UG 4}
                   Tope = { 2705,063
P6-2. V6= 5 2 064 }
PG.3. St = 22 7064, 206/10 54 = 54
PG. 4. 1=4
 P41. X4=06 + 1/64 - 22 0643
                  70 px = ५ ५ दाण्डमिप
P73. 518 = 2 04=58 \ Sx.4. 5 musatui fiallilai
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3 A1: a > (b>a) $frac{Hz}{}$: $(a \rightarrow (b \rightarrow c)) \rightarrow ((a \rightarrow b) \rightarrow (a \rightarrow c))$ $fl_3: (76 \rightarrow 70) \rightarrow (9 \rightarrow 6)$ MP: 9, a >> b Th. ded: TUgagt b cor ta-ob · [[] + 7 [] -> F + 4 (1) TOST 47+7(4→4) (ipolezã) += ,80 deduce " (2) 1 - 74 → 7 (4 → 4) (th. ded.) (3) T + (74 → 7 (4 → φ)) → ((4 → φ) → ψ) (A3 + P2.54(i)) (m) H + (4 > 4) > 4 (Mb: (5) 20 (2)) (5) T + 4 → 4 (P2.60 + P2.55 (iii)) (6) T + 4 (MP: (5) \$ (4)) (4) a) 34,74314 $(1) \vdash \neg \psi \rightarrow (\neg \psi \rightarrow \neg \psi) \qquad (A_1)$ 12) 3743 +74 →74 (Th. ded.) (3) \14 + (74 - 74) - (4 - 4) (A3 + P254. (i)) (4) 5-43 + 4 → 4 (HP: (2) \$ (31) (5) 474543 -4 (The ded.) b) + 74 -> (4 -> 4) (1) {74} + 4 → 9 (Th. old.) (2) +74 > (4 -> 4) (Th. ded.) c) ru 1793 +4 \$ TU 77 43+74 implied Trp (1) TU 5743 LY (10) (2) 17 U 5 7 9 3 - 74 (ip) (3) 10 57 43 1 74 → (4→ 1) (south)+ Pr.55.(1) (4) TO 5743-4+1 (RP141 5 (1)) (5) \$10 9783 FI (MP (4) \$ (11) (R.A. = red. la als.) (6) 17 H 4