





C) CO
C) of P-10, 9-1 ~~ R, 1-1 ~~ R 2. P-19 Silogimo I Hipototicio (1,2)
2 9 - 2 ~ TL
3. 5 -A-R Moder Politica 4 5)
4.30-P 1- 1 (et n5'-> (et n - 1-1)
5. P - Dra R Moder tollow (3,6)
6. ~ n
7. ~S
$A \cap A \cap B$
0 & p 1 9 - 2 r 9 - 2 1 = 12 15
2 P x re Mody Pomen (2,4)
3. 9-21 Simplificação (2)
H. P Modus Ponens (2,4
5.9 M.P (3,5)
6.1R 25
7_6 2
P. RAS (Confunção (6,7))
() P - > (~9 1R) P, S - 29, Sut 1=+ 1. p - > (~9 1R)
2. P
3. S -A 9
4. S v +
5. ~ 9 1 R (Ponnene 1,2)
6. 29 (SumplificoSão)
7. ~S tollen (3,6)
8. + Dispertingo(4,7)

1
()(Pug) - (P - (s + 1)) / 1 n 1= tav
1. (Pug) - 1 (P-1 (S n+))
3. P (Simp. 2)
4 PV9 (Adisão 3)
5. P-A (SA+) (Ponnent 1, 4)
Z + (Six Olilia san G)
7. to V (tdisco 7)
The following the first of the
J) P-09, ~9, (~pv~R)-151=5
1. P-A 9
2. ~ 9 3. (~P∪ ~ R) ~ S
4-P M.+ (1,2)
5. ~P v~ R (Ad. 4)
G.S (M.P 3,5)
LIPARP, S-DRI=~S
1. P - ~ ~ R
2. P
3. S-AR
$\frac{4. \sim R}{5. \sim S} \frac{(MP(1, a))}{M.+ (3.4)}$
5.25 14.1 5, 11
i) P -09 P -0 ~R P 1= 91~R
1. P-09 S.~R (MP2,3)
2. P-A 2 6.91 ~ R (Cong. 5,6)
3. P 4. 9 MP(1,3)
7. 1 111 1

J) ~P	UNA 9 2-P NR -D ~ 9 1= ~ n R
1. ~P U	
2. ~~	ρ
3. ~ R.	$-\Delta \sim 9$
4. ~	~ 9 S.D(1,2)
5. ~~	- R M.+ (3,4)
K) Pi	~9,9U~R,S ~R 1= P1~S
1. P1.	9
2.90	~ R
3. 5-0	1 Recorded to the state of the
4. ~ 9	Simp (1)
5. ~R	
6. ~ 5	M+(3,5)
7. P	Simp(1)
J. P1	~ S Confunção (6, P)
	,
i pi -m	<u>, 2 - 5 9 9 9 - 4 4</u>