-	1		-
d .	(MPSC		
2	Tips 760 P	percessary 9	p neverless 2
~		p - 2	P12
1.		is cofficient a	p if and only is a
1	No. 1 202 2 27 28 40 2 2 18 2	is sufficient a	wolf of representation
2014	D39 = 1010	whenever a +1900	and some on sentences
~	p- 2 = 7p v 2	or p	many truce to pither
V 700		7 P	tomotorns to peither
U	negation	14 × 14 × 13	
F	of $\forall P(x) = \exists \neg P(x)$	1,60	poration
	3 P(x) = 47P(x)	No one can Cly	to the moon
	therefore means of the line	regation; someone	can fly to to moon
2	therefore means - the line	2 3 P(x)	ASA
~	Which also means -	2 / 101 - 101 - 101 - 101	r. prek t
4		1 2 1 10 10 73	Lon
1	p-7 q	K Marine	
	contapositive: 79-97p	2 logically equiv.	S.V. Oc. #
1	Tab water a still a .	V 19 1	7
	converse: q p	2 logically equivo	Voice in
5	invelle: 7pm79		V ₁ 1 =
		antiapositive: PTQ	
	Assume Pis true	9550me 79	
	[arg]	[0.19]	
5	Herefore a	theretore 7p	
1		•	
<i>y</i>	contradiction:	contradiction: p-1	2
	9550Ml 7p	assume p and 79 are true	
1	Ederive contradiction]	Edeline a conti	
9	conclude p in true	Conclude p-12	
	1 11 100	7	11 1100
	Induction:	Strong Indu	chian
\sim	base case: show P(1)=T Induction step: P(K) > P(V	Mare care	may be P(K-1)
	control of the control of	1	or P(K+141)
	conclude: Yn + IN Pln)	etc.
1			