Construct		Export / Import		Reference					0
[+] Symbols [–] Rules for Sentential Logic									
NOTE: the order in which rule lines are cited is important for multi-line rules. For example, in an application of conditional elimination with citation "j,k \rightarrow E", line j must be the conditional, and line k must be its antecedent, <i>even if</i> line k actually <i>precedes</i> line j in the proof. The only multi-line rules which are set up so that order doesn't matter are &I and \perp I.									
Rul	le of &l		Rule	e of &E		Rul	e of ∨l		
j	р	j	j	р&q		j	р		
	:			:			:		
k	q			p j&E			рvq	j vl	
	:								
	p&q j,k 8	kl							
Rule of vE			Rule of ~I			Rule of ⊥I			
g	pvq	j	j	р		j	~p		
	:			:			:		
h	р	ł	k	#		k	р		
	:			~p j-k ~I			:		
i	r		I				#	j,k #l	
J	q								
K	r abi								
r g,n-i,j-k v⊨		I,J-K VE							
Rule of ~E			Rule	e of →l		Rul	e of →E		
j	~~p	j	j	p		j	p > q		
	:			:			:		
	p j∼E	ł	k	q		k	р		
				p > q j-k >l			:		
							q	j,k >E	
Rule of ↔I			Rule of ↔E			Rule of EFQ (Under SI/TI)			
h	р	j	j	p <> q		j	#		
	:			:			:		
i	q	1	k	р			р		j EFQ
i				:					
1				q j,k <>E					
k	. .		I						
I.		i-k <>							
		,, ,, , , , , , , , , , , , , , , , , ,							