[bp]	Reflexive	Total	Transitive	Symmetric
	$\frac{T}{xRx}$	$\frac{T}{xRy \vee yRx}$	$\frac{xRy}{xRz}$	$\frac{xRx'}{x'Rx}$
	Asymmetric		Irreflexive	Antisymmetric
	xRy yRx		$\frac{xRx}{\bot}$	$\frac{xRy yRx}{x = y}$