[bp]	Reflexive	Total	Symmetric	Transitive
	Т	Τ	xRy	xRy xRy
	xRx	$xRy \vee yRx$	yRx	xRz
	Irreflexive	Asymmetric	Antisymmetric	
	xRx	xRy yRx	xRy yRx	
			x = y	