logic in color

Binary Logic

Binary logic is the logic we learn in school: the logic of true or false, 1 or 0.

In binary logic, there are collections of things, relations of collections, and implications of relations. These form Rel, a structure called a "2-category".

We develop logic as a language in the complementary forms of imagery & syntax.

*:x. xIy .y:Y

1A:a. a R b . b:B

The first provides a generic, conceptual depiction of Logic in two dimensions, while the second is a specific, complete language in which to reason.

Each logic is formed from a base logic In ("om"). The base of binary logic is simply O+1, "false entails true".

	1	. 1		Tyl	pe,	J	بهادر	zen	ne ny	t,	In	fer	enc	L						
0	Ty	१९६	?																	
							•				L.O.	_								
	thi	499	s a	1e	de	tesv	ww	ed	برط	3	type	g .								
				* ,	11.:	c :	6 A	7	Tree	Į.	*	K.	•							
					Im	5 ') ~	l	166	•										
	Eve	4 4	m	inc	. હે	S S	01	٠ ع	t404	દ ર	F.	thi	15.							
	A	,	-th	٠ <u>٠</u> ٥	31	of	9.	tup	.), e ;	is 4		tern	13. 2.							
	W		2	WY	ite								•							
							۵:													
	to	e	xpr	es	5	th	4	a	is	a	.~	// \.								
	LL	et's	u,	SC	Sm	RU	let	tera	fo	X	ter	~\$	+							
					61	9	je	Levi	s fo		441	RS.								
	V	Je	CEV		gra	W	•	typ	r i	RS	۵	col	ored ve (, as	وم :					
	i	Ma	gin	L	thi	5	gre	en	is	+	he	typ	re (Nga	znis	un.				
									A											
	by	ilia	8 -	(1)																
			pk			h40	e	is							Nο.					
			T			· Л									no '					
	-	. "e	ver	gth	ins	i	5 0													
									· +		77	4	şet	•						
									nts.			•0-								
	1				_									M -	•					
	-												of ete		jan.	orl,				
		10		WA	15]^ His	WG A	CF.	1,1	the second	4	Color	1,00 1,4	rete to	7						
													truc		2)					
	•	_	5	_								ر٠			-/-					