

9) S= mqu \(\frac{1}{2}\) \times Nat \(\delta\) Bool \(\tau\) \(\delta\) decompose = mqu \(\frac{1}{2}\) \(\frac{1}{2}\) \(\delta\)																				
= mgv ξ tz = Bool, Nat = ty ξ swap = mgv ξ tz = Bool, ty = Nat ξ elim z veces = ξ tz = Bool, ty = Nat ξ + (ξ x: Bool. zero) False: Nat 10) S= mgv ξ Bool = Bool, Nat = Nat ξ = ξ trivial z veces																				
= mgu \(\frac{\x}{2} \) \(\delta \) \(\de		9)	Ş=	Mgu	€£z	→ N	lat	≟ Bo	oo) -	> tu	ን	deco	m po	se						
= \(\frac{1}{2} \) = \(\text{Bool}, \text{ Eq. := Nat } \) + (\(\text{X} \) : \(\text{Bool}, \text{ zero} \) False : \(\text{Nat} \) 10) \(\text{S= mgu } \frac{1}{2} \) Bool, \(\text{Nat} \frac{1}{2} \) = \(\text{Trivial } \text{ z veces} \)			τ	mau	& tz	_ <u>-</u>	, lood	Na	∔ ≟	t43		Swa	,p							
+ (λx:Bool. zero) False: Nat 10) S= mgu \(\xi \) Bool \(\xi \) Bool, Nat \(\xi \) Nat \(\xi \) Nat \(\xi \) Veces				•							•	elim	2	vec	ટડ					
10) S=mgu & Bool = Bool, Nat = Nat } = \$\psi\$ trivial z veces	+		=	ξtz	:= P	اهود	ŧ4	:= N	at ^z s											
10) S=mgu & Bool = Bool, Nat = Nat } = \$\psi\$ trivial z veces																				
			-	(λx	: Bo	ol. z	ero) Fo	lse	: \	lat									
	+										. 5		,							
It True then (AX. zero) zero else (AX. zero) Folse: Not	+	10)	S=	mgu	€ Bo	oo) =	Boo	ol, .	Nat	= Na	.+ }	= (ø	triv	ial	Z V	eces			
+ if True then (AX. zero) zero else (AX. zero) Folse: Not			_	_													.,			
			F	下下	rue .	ther	ı (λ	X.Ze	ro) i	zero	el	se (Ųλ¥.	zen	7) Fo	rise	: N	at .		