

x, y, z		
ex, ey, ez		
tx, ty, tz		
$index, i, j, n, m$		
$type, t$	$::=$	
		int
		forall $x.t$ bind x in t
		$t_1 - > t_2$
		tx
		ex
		(t) S
		$[t_1/x]t_2$ M
$bounds, B$	$::=$	
		nil
		B, t
$work, w$	$::=$	
		tx
		$\{t_1, .., t_n\} <: ex <: \{t'_1, .., t'_m\}$
		$t_1 < t_2$
$worklist, ws$	$::=$	
		wnil
		$ws - w$
$formula$	$::=$	
		$judgement$
$Monotype$	$::=$	
		mono t
$judgement$	$::=$	
		$Monotype$
$user_syntax$	$::=$	
		x
		ex
		tx
		$index$
		$type$
		$bounds$
		$work$
		$worklist$

mono t

$\overline{\mathbf{mono} \ tx}$	AMONO__TVAR
$\overline{\mathbf{mono} \ ex}$	AMONO__TEXVAR
$\overline{\mathbf{mono} \ \mathbf{int}}$	AMONO__INT

$$\frac{\text{mono } t_1 \quad \text{mono } t_2}{\text{mono } (t_1 - > t_2)} \quad \text{AMONO_ARROW}$$

Definition rules: 4 good 0 bad
Definition rule clauses: 6 good 0 bad