	sorto(v_2 , Zero : C Succ [Zero] : [C Succ [C Succ [Zero]]]), smallesto(v_0 , Zero, v_2) [$v_1 \rightarrow \text{Zero}$, $v_3 \rightarrow \text{Zero}$: [C Succ [C Succ [Zero]]]]
	osorto(v ₂ , Zero : C Succ [Zero] : [C Succ [Zero]]])
	$ \begin{array}{c} & & & \\ & \text{Sorto}(v_5, \text{C Succ [Zero] : [C Succ [C Succ [Zero]]], smallesto}(v_2, \text{Zero, } v_5), \text{smallesto}(v_0, \text{Zero, } v_2) \\ & [v_1 \rightarrow \text{Zero, } v_3 \rightarrow \text{Zero : C Succ [Zero]]], } v_4 \rightarrow \text{Zero, } v_6 \rightarrow \text{C Succ [Zero]]]} \end{array}] $
	sorto(v ₅ , C Succ [Zero] : [C Succ [Zero]]])
$[v_1 \to Zero, v_3 \to Zero]$	sorto(v_8 , [C Succ [C Succ [Zero]]]), smallesto(v_5 , C Succ [Zero, v_5), smallesto(v_6 , Zero, v_5), smallesto(v_6 , Zero, v_7) ero : C Succ [Zero]], $v_4 \rightarrow Z$ ero, $v_6 \rightarrow C$ Succ [Zero]], $v_7 \rightarrow C$ Succ [Zero]], $v_7 \rightarrow C$ Succ [Zero]]]]
	Sorto(v ₈ , [C Succ [Zero]]))
$[v_1 \rightarrow Zero, v_3 \rightarrow Zero : C Succ [Zero] : [C]$	$ \begin{array}{c} & & & \\ & $
	$\bigcap_{\text{Sorto}(v_{11},[])}$
$[\ v_1 \to Zero, v_3 \to Zero: C\ Succ\ [Zero]: [C\ Succ$	smallesto(v_8 , C Succ [C Succ [Zero]], []), smallesto(v_2 , Zero, v_5), smallesto(v_5 , Zero, v_5 ,
	smallesto(v ₈ , C Succ [C Succ [Zero]], [])
$[\ v_1 \to Zero, v_3 \to Zero : C \ Succ \ [Zero] : [C \ Succ \ [Zero]]$	$\begin{array}{c} & \\ \text{smallesto}(v_5, \text{C Succ [Zero], [C Succ [Zero], v_5), smallesto}(v_0, \text{Zero, v_5}), \\ \text{smallesto}(v_5, \text{C Succ [Zero], v_6)} \end{array}$ $\begin{array}{c} \text{smallesto}(v_5, \text{C Succ [Zero], v_6)} \\ \text{Succ [C Succ [Zero], v_6]} \end{array}$ $\begin{array}{c} \text{C Succ [Zero], v_6} \\ \text{C Succ [Zero], v_6} \end{array}$ $\begin{array}{c} \text{C Succ [C Succ [Zero]], v_{10}} \\ \text{C Succ [Zero], v_{10}} \\ \text{C Succ [Zero], v_{10}} \end{array}$
	smallesto(v ₅ , C Suce [Zero], [C Suce [Zero]]])
$[v_1 \to Zero, v_3 \to Zero : C \; Suce \; [Zero] : [C \; Suce \; [Zero]]], \; v_4 \to Zero, \; v_5 \to v_{21} : v_{22} \to v_{23} : v_{24} \to v_{24} : v_{24} \to v$	$\begin{array}{c} & \\ \text{minmaxo(v}_{21}, \text{v}_{23}, \text{C Succ [Zero], C Succ [Zero]]}, \text{ smallesto(v}_{22}, \text{v}_{23}, \text{]]}, \text{ smallesto(v}_{2}, \text{Zero, v}_{21} : \text{v}_{22}), \text{ smallesto(v}_{0}, \text{Zero, v}_{2}) \\ \text{22}, \text{v}_{6} \rightarrow \text{C Succ [Zero]]}, \text{v}_{7} \rightarrow \text{C Succ [C Succ [Zero]]}, \text{v}_{7} \rightarrow \text{C Succ [C Succ [Zero]]}, \text{v}_{9} \rightarrow \text{[C Succ [C Succ [Zero]]]}, \text{v}_{10} \rightarrow \text{C Succ [C Succ [Zero]]}, \text{v}_{11} \rightarrow \text{[]}, \text{v}_{12} \rightarrow \text{[]}, \text{v}_{24} \rightarrow \text{[]}, \text{v}_{25} \rightarrow \text{C Succ [C Succ [Zero]]} \end{array}$
	minmaxo(v ₂₁ , v ₂₃ , C Suce [C Suce [Zero]])
$[v_1 \rightarrow Zero, v_3 \rightarrow Zero : C \ Succ \ [Zero]], \ C \ Succ \ [C \ Succ \ [Zero]], \ Trueo), \ smallesto(v_2, Zero, C \ Succ \ [Zero] : v_2), \ smallesto(v_0, Zero, v_2)$ $[v_1 \rightarrow Zero, v_3 \rightarrow Zero : C \ Succ \ [Zero]], \ v_4 \rightarrow Zero, \ v_5 \rightarrow v_{21} : v_{22}, \ v_6 \rightarrow C \ Succ \ [C \ Succ \ [C \ Succ \ [Zero]], \ v_7 \rightarrow C \ Succ \ [C \ Succ \ [Zero]], \ v_9 \rightarrow [C \ Succ \ [C \ Suc$	
leo(C Succ [Zero], C Succ [Zero]], Trueo)	gto(C Succ [C Succ [Zero], Trueo)
$[v_1 \rightarrow Zero, v_3 \rightarrow Zero : C \ Succ \ [Zero]], v_4 \rightarrow Zero, v_5 \rightarrow v_2 : v_{22}, v_6 \rightarrow C \ Succ \ [Zero]], v_7 \rightarrow C \ Succ \ [Zero]], v_9 \rightarrow [C \ Succ \ [Zero]], v_9 \rightarrow [C \ Succ \ [Zero]], v_{10} \rightarrow C \ Succ \ [Zero], v_{21} \rightarrow C \ Succ \ [Zero], v_{23} \rightarrow C \ Succ \ [Zero], v_{24} \rightarrow [J, v_{25} \rightarrow C \ Succ]$	gto(C Succ [Zero]], $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]] $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow Zero$, $v_{28} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow C$ Succ [Zero], $v_{27} \rightarrow C$ Succ [Zero]], $v_{27} \rightarrow C$ Suc
O leo(Zero, C Suce [Zero], Trueo)	O gto(C Suce [Zero, Trueo)
$ \begin{array}{c} & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & $	Smallesto(v ₂₂ , C Succ [Zero]], v ₂₇ \rightarrow Zero, v ₂₈ \rightarrow C Succ [Zero], v ₂₉ , smallesto(v ₂ , Zero, v ₂) \rightarrow C Succ [Zero]], v ₃ \rightarrow Zero, v ₂₈ \rightarrow C Succ [Zero]], v ₄ \rightarrow Zero, v ₅ \rightarrow v ₂₁ : v ₂₂ , v ₆ \rightarrow C Succ [Zero]], v ₄ \rightarrow Zero, v ₅ \rightarrow v ₂₁ : v ₂₂ , v ₆ \rightarrow C Succ [Zero]], v ₇ \rightarrow C Succ [Zero]], v ₁₀ \rightarrow C Succ [Zero]], v ₂₇ \rightarrow C Succ [Zero]], v ₂₈ \rightarrow Zero, v ₂₉ \rightarrow Zero, v ₂₉ \rightarrow Zero, v ₂₉ \rightarrow Zero, v ₂₉ \rightarrow Zero, v ₃ \rightarrow Zero, v ₂₉ \rightarrow
osmallesto(v ₂₂ , C Succ [C Succ [Zero]], [])	o smallesto(v ₂₂ , C Succ [Zero], [])
$ \begin{array}{c} C \\ \text{smallesto}(v_2, \text{Zero, C Succ [Zero] : [C Succ [Zero]], v}_{1} \rightarrow \text{Zero, v}_{3} \rightarrow \text{Zero : C Succ [Zero] : [C Succ [Zero]], v}_{2} \rightarrow \text{C Succ [Zero]], v}_{2} \rightarrow C Succ$	$ \begin{array}{c} C \\ \text{smallesto}(v_2, \text{Zero, C Succ [Zero]]} : [C \text{ Succ [Zero]]}, v_27 \rightarrow \text{Zero, } v_28 \rightarrow C \text{ Succ [Zero]}] : [C \text{ Succ [Zero]]}, v_27 \rightarrow C \text{ Succ [Zero]]}, v_27 \rightarrow C \text{ Succ [Zero]]}, v_3 \rightarrow C \text{ Succ [Zero]]}, v_27 \rightarrow C \text{ Succ [Zero]]}, v_29 \rightarrow C \text{ Succ [Zero]}, v_29 \rightarrow C \text{ Succ [Zero]]}, v_29 \rightarrow C \text{ Succ [Zero]}, v_29 \rightarrow C Succ [Ze$
smallesto(v ₂ , Zero, C Suce [Zero] : [C Suce [Zero]]])	osmallesto(v ₂ , Zero, C Suce [C Suce [Zero]])
$ \begin{array}{c} C \\ \\ \text{minmaxo}(v_{37}, v_{39}, \text{Zero, C Succ [Zero]]}, \text{smallesto}(v_{0}, \text{Zero, } v_{37} : v_{38}) \\ \\ \text{[} v_{1} \rightarrow \text{Zero, } v_{2} \rightarrow v_{37} : v_{38}, v_{3} \rightarrow \text{Zero : C Succ [Zero]]}, v_{4} \rightarrow \text{Zero, } v_{5} \rightarrow v_{21} : v_{22}, v_{6} \rightarrow \text{C Succ [Zero]]}, v_{7} \rightarrow \text{C Succ [Zero]]}, v_{7} \rightarrow \text{C Succ [Zero]}, v_{8} \rightarrow \text{C Succ [Zero]}, v_{11} \rightarrow \text{[]}, v_{12} \rightarrow \text{[]}, v_{21} \rightarrow \text{C Succ [Zero]]}, v_{23} \rightarrow \text{C Succ [Zero]]}, v_{24} \rightarrow \text{[]}, v_{25} \rightarrow \text{C Succ [Zero]}, v_{27} \rightarrow \text{Zero, } v_{28} \rightarrow \text{C Succ [Zero]}, v_{29} \rightarrow \text{C Succ [Zero]}, v_{21} \rightarrow \text{C Succ [Zero]}, v_{21} \rightarrow \text{C Succ [Zero]}, v_{22} \rightarrow \text{C Succ [Zero]}, v_{23} \rightarrow \text{C Succ [Zero]}, v_{24} \rightarrow \text{C Succ [Zero]}, v_{27} \rightarrow \text{Zero, } v_{28} \rightarrow \text{C Succ [Zero]}, v_{27} \rightarrow \text{Zero, } v_{28} \rightarrow \text{C Succ [Zero]}, v_{27} \rightarrow \text{Zero, } v_{28} \rightarrow \text{C Succ [Zero]}, v_{29} \rightarrow \text{C Succ [Zero]}, v_{29}$	minmaxo(v_{37} , v_{39} , Zero, C Succ [Zero]], smallesto(v_{38} , v_{39} , [C Succ [Zero]], smallesto(v_{38} , v_{39} , [C Succ [Zero]], smallesto(v_{38} , v_{39} , Zero, C Succ [Zero]], smallesto(v_{38} , v_{39} , [C Succ [Zero]], smallesto(v_{38} , v_{39} , [C Succ [Zero]], smallesto(v_{38} , v_{39} , Zero, C Succ [Zero]], v ₂₃ \rightarrow C Succ [Zero]], v ₂₄ \rightarrow [C Succ [Zero]], v ₂₅ \rightarrow C Succ [Zero]], v ₂₅ \rightarrow C Succ [Zero], v ₂₇ \rightarrow C Succ [Zero], v ₂₈ \rightarrow Zero, v ₂₉
smallesto(v ₃₈ , v ₃₉ , [C Succ [C Succ [Zero]]])	Osmallesto(v ₃₈ , v ₃₉ , [C Succ [Zero]])
minmaxo(v_3 , v_3 , Zero, C Succ [Zero], minmaxo(v_4 , v_4 , v_3 , C Succ [Zero], v ₃ \rightarrow Zero, v_3	
O smallesto(v ₄₃ , v ₄₄ , [])	O smallesto(v ₄₃ , v ₄₄ , [])
$ \begin{array}{c} \text{minmaxo(v_{37}, v_{39}, Zero, C Succ [Zero]], smallesto(v_0, Zero, v_37 : v_{42} : [v_{44}])} \\ \text{[v_1 \rightarrow Zero, v_2 \rightarrow v_{37} : v_{38}, v_3 \rightarrow Zero, v_2 \rightarrow v_{37} : v_{38}, v_3 \rightarrow Zero, v_2 \rightarrow v_{37} : v_{38}, v_3 \rightarrow Zero, v_3 \rightarrow V_{31} : v_{32}, v_4 \rightarrow C Succ [Zero]], v_4 \rightarrow Zero, v_5 \rightarrow v_{21} : v_{22}, v_6 \rightarrow C Succ [Zero]], v_4 \rightarrow Zero, v_5 \rightarrow v_{21} : v_{22}, v_6 \rightarrow C Succ [Zero]], v_{23} \rightarrow C Succ [Zero]], v_{24} \rightarrow [l, v_{25} \rightarrow C Succ [Zero]], v_{25} \rightarrow C Succ [Zero]], v_{27} \rightarrow Zero, v_{28} \rightarrow Zero, v_{2$	
$\begin{bmatrix} O\\ smallesto(v_0, Zero, v_{37}: v_{42}: [v_{44}]) \end{bmatrix}$	$\begin{array}{c} \\ \text{Smallesto}(v_0,Zero,v_{37}:v_{42}:[v_{44}]) \end{array}$
minmaxo(v ₅₆ , v ₃₉ , Zero, C Succ [Zero]), minmaxo(v ₅₆ , v ₃₉ , Zero, v ₅₆), smallesto(v ₅₃ , v ₅₄ , V ₂₀ : [v ₄₄)) [V	
O smallesto(v ₅₃ , v ₅₄ , v ₄₄ , v ₄₄)	O smallesto(v ₅₃ , v ₅₄ , v ₄₂ : [v ₄₄])
O smallesto(v ₅₈ , v ₅₉ , [v ₄₄])	O smallesto(v ₅₈ , v ₅₉ , [v ₄₄])
	$ \begin{array}{c} \text{minmaxo}(v_{56}, v_{39}, \text{Zero}, \text{C Succ}[\text{C Succ}[\text{Zero}]], \text{minmaxo}(v_{61}, v_{60}, v_{39}, \text{C Succ}[\text{C Succ}[\text{Zero}]], v_{1} \rightarrow \text{Zero}, v_{2} \rightarrow \text{Vero}, v_{2} \rightarrow \text{Vero}, v_{3} \rightarrow \text{Vero}, v_{3} \rightarrow \text{Vero}, v_{4} \rightarrow \text{Vero}, v_{5} \rightarrow \text{Vero}, v$
O smallesto(v_{63} , v_{64} , [])	O smallesto(v_{63} , v_{64} , $[]$)
minmaxo(v_{56} , v_{39} , Zero, C Succ [Zero]], minmaxo(v_{61} , v_{69} , v_{39} , C Succ [Zero]], minmaxo(v_{50} , v_{39} , Zero, v_{50} , minmaxo(v_{50} ,	minmaxo(v_{56} , v_{39} , Zero, C Succ [C Succ [Zerol]], minmaxo(v_{51} , v_{56} , v_{50} , minmaxo(v_{51} , v_{56} , v_{50} , v_{50} , minmaxo(v_{51} , v_{56} , v_{50} , v
Fig.	Leaf
$[v_{0} \rightarrow v_{52}, v_{6} \rightarrow v_{61}, v_{23} \rightarrow v_{61}, v_{24} \rightarrow v_{65}, v_{73} \rightarrow v_{56}, v_{73} \rightarrow v_{61}, v_{73$	$V_{44}, V_{63} \rightarrow V_{61}, V_{43} \rightarrow V_{61}, V_{43} \rightarrow V_{61}, V_{44}, V_{63} \rightarrow V_{61}, V_{43} \rightarrow V_{63}, V_{63} \rightarrow V_{61}, V_{63} \rightarrow V_{62}, V_{63}, V_{63} \rightarrow V_{62}, V_{63}, V_{64}, V_{65} \rightarrow V_{61}, V_{63} \rightarrow V_{62}, V_{63}, V_{64}, V_{65} \rightarrow V_{62}, V_{63}, V_{65} \rightarrow V_{62}, V_{63}, V_{65} \rightarrow V_{61}, V_{63} \rightarrow V_{62}, V_{63}, V_{64}, V_{65} \rightarrow V_{62}, V_{63}, V_{65} \rightarrow V_{62}, V_{63}, V_{65} \rightarrow V_{65}, V_$