O
maxMinc(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_0, v_1)

C
maxo(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[ ]

O
maxo(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_0)

C
maxo1(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], Zero, v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[ ]

O
maxo1(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], Zero, v_0)

C
leo(C Succ [Zero], Zero, True0), maxo1(Zero : [C Succ [C Succ [Zero]]], Zero, v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_3 \to$ Zero : [C Succ [C Succ [Zero]]]]

⊥

C
gto(C Succ [Zero], Zero, True0), maxo1(Zero : [C Succ [C Succ [Zero]]], C Succ [Zero], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]]]

O
gto(C Succ [Zero], Zero, True0)

C
maxo1(Zero : [C Succ [C Succ [Zero]]], C Succ [Zero], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero]

O
maxo1(Zero : [C Succ [C Succ [Zero]]], C Succ [Zero], v_0)

C
leo(Zero, C Succ [Zero], True0), maxo1([C Succ [C Succ [Zero]]], C Succ [Zero], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]]]

C
gto(Zero, C Succ [Zero], True0), maxo1([C Succ [C Succ [Zero]]], Zero, v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{14} \to$ Zero, $v_{15} \to$ [C Succ [C Succ [Zero]]]]

⊥

O
leo(Zero, C Succ [Zero], True0)

C
maxo1([C Succ [C Succ [Zero]]], C Succ [Zero], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]]]

O
maxo1([C Succ [C Succ [Zero]]], C Succ [Zero], v_0)

C
leo(C Succ [C Succ [Zero]], C Succ [Zero], True0), maxo1([], C Succ [Zero], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{20} \to$ C Succ [C Succ [Zero]], $v_{21} \to$ []]

C
gto(C Succ [C Succ [Zero]], C Succ [Zero], True0), maxo1([], C Succ [C Succ [Zero]], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ []]

O
leo(C Succ [C Succ [Zero]], C Succ [Zero], True0)

C
leo(C Succ [Zero], Zero, True0), maxo1([], C Succ [Zero], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{20} \to$ C Succ [C Succ [Zero]], $v_{21} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero]

⊥

O
gto(C Succ [C Succ [Zero]], C Succ [Zero], True0)

C
gto(C Succ [Zero], Zero, True0), maxo1([], C Succ [C Succ [Zero]], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero]

O
gto(C Succ [Zero], Zero, True0)

C
maxo1([], C Succ [C Succ [Zero]], v_0), minoC Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero]

O
maxo1([], C Succ [C Succ [Zero]], v_0)

C
mino(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero]

O
mino(C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]], v_1)

C
mino3(Zero : [C Succ [C Succ [Zero]]], C Succ [Zero], v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]]]

O
mino1(Zero : [C Succ [C Succ [Zero]]], C Succ [Zero], v_1)

C
leo(Zero, C Succ [Zero], True0), mino1([C Succ [C Succ [Zero]]], Zero, v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{40} \to$ Zero, $v_{41} \to$ [C Succ [C Succ [Zero]]]]

C
gto(Zero, C Succ [Zero], True0), mino1([C Succ [C Succ [Zero]]], C Succ [Zero], v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{41} \to$ Zero, $v_{44} \to$ [C Succ [C Succ [Zero]]]]

⊥

O
leo(Zero, C Succ [Zero], True0)

C
mino1([C Succ [C Succ [Zero]]], Zero, v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{40} \to$ Zero, $v_{41} \to$ [C Succ [C Succ [Zero]]]]

O
mino1([C Succ [C Succ [Zero]]], Zero, v_1)

C
leo(C Succ [C Succ [Zero]], Zero, True0), mino1([], C Succ [C Succ [Zero]], v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{40} \to$ Zero, $v_{41} \to$ [C Succ [C Succ [Zero]]], $v_{50} \to$ []]

⊥

C
gto(C Succ [C Succ [Zero]], Zero, True0), mino1([], Zero, v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{40} \to$ Zero, $v_{41} \to$ [C Succ [C Succ [Zero]]], $v_{52} \to$ C Succ [C Succ [Zero]], $v_{53} \to$ []]

O
gto(C Succ [C Succ [Zero]], Zero, True0)

C
mino1([], Zero, v_1)
[$v_0 \to$ C Succ [C Succ [Zero]], $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{40} \to$ Zero, $v_{41} \to$ [C Succ [C Succ [Zero]]], $v_{52} \to$ C Succ [C Succ [Zero]], $v_{53} \to$ [], $v_{54} \to$ C Succ [Zero]]

O
mino1([], Zero, v_1)

S
[$v_0 \to$ C Succ [C Succ [Zero]], $v_1 \to$ Zero, $v_5 \to$ C Succ [Zero], $v_6 \to$ Zero : [C Succ [C Succ [Zero]]], $v_8 \to$ Zero, $v_{11} \to$ Zero, $v_{12} \to$ [C Succ [C Succ [Zero]]], $v_{23} \to$ C Succ [C Succ [Zero]], $v_{24} \to$ [], $v_{27} \to$ C Succ [Zero], $v_{28} \to$ Zero, $v_{29} \to$ Zero, $v_{38} \to$ C Succ [Zero], $v_{39} \to$ Zero : [C Succ [C Succ [Zero]]], $v_{40} \to$ Zero, $v_{41} \to$ [C Succ [C Succ [Zero]]], $v_{52} \to$ C Succ [C Succ [Zero]], $v_{53} \to$ [], $v_{55} \to$ C Succ [Zero]]