O
Unfold evalo (C Sum [C Num [Zero] C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]]]) (C Succ [C Succ [C Succ [Zero]]])

C
Unfold evalo (C Num [Zero]) v_4, Unfold evalo (C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]]) v_5, Unfold addo v_4 v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]]]

O
Unfold evalo (C Num [Zero]) v_4

C
Unfold evalo (C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]]) v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero]

O
Unfold evalo (C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]]) v_5

C
Unfold evalo (C Num [v_0]) v_{12}, Unfold evalo (C Sum [C Num [C Succ [Zero]] C Num [v_1]]) v_{13}, Unfold addo v_{12} v_{13} v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]]]

O
Unfold evalo (C Num [v_0]) v_{12}

C
Unfold evalo (C Sum [C Num [C Succ [Zero]] C Num [v_1]]) v_{13}, Unfold addo v_{12} v_{13} v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]]]

O
Unfold evalo (C Sum [C Num [C Succ [Zero]] C Num [v_1]]) v_{13}

C
Unfold evalo (C Num [C Succ [Zero]]) v_{20}, Unfold evalo (C Num [v_1]) v_{21}, Unfold addo v_{20} v_{21} v_{13}, Unfold addo v_{12} v_{13} v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1]]

O
Unfold evalo (C Num [C Succ [Zero]]) v_{20}

C
Unfold evalo (C Num [v_1]) v_{21}, Unfold addo (C Succ [Zero]) v_{21} v_{13}, Unfold addo v_{12} v_{13} v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero]]

O
Unfold evalo (C Num [v_1]) v_{21}

C
Unfold addo (C Succ [Zero]) v_{21} v_{13}, Unfold addo v_{12} v_{13} v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero]]

O
Unfold addo (C Succ [Zero]) v_{21} v_{13}

C
Unfold addo Zero (C Succ [v_{21}]) v_{13}, Unfold addo v_{12} v_{13} v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero], $v_{30} \to$ Zero]

O
Unfold addo Zero (C Succ [v_{21}]) v_{13}

C
Unfold addo v_{12} (C Succ [v_{21}]) v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{13} \to$ C Succ [v_{21}], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero], $v_{30} \to$ Zero]

O
Unfold addo v_{12} (C Succ [v_{21}]) v_5

C
Unfold addo Zero (C Succ [v_{21}]) (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_5 \to$ C Succ [v_{21}], $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{12} \to$ Zero, $v_{13} \to$ C Succ [v_{21}], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero], $v_{30} \to$ Zero]

O
Unfold addo Zero (C Succ [v_{21}]) (C Succ [C Succ [C Succ [Zero]]])

S
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_5 \to$ C Succ [v_{21}], $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{12} \to$ Zero, $v_{13} \to$ C Succ [v_{21}], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero], $v_{21} \to$ C Succ [C Succ [Zero]], $v_{30} \to$ Zero]

C
Unfold addo v_{32} (C Succ [C Succ [v_{21}]]) v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{12} \to$ C Succ [v_{32}], $v_{13} \to$ C Succ [v_{21}], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero], $v_{30} \to$ Zero]

Leaf
Unfold addo v_{32} (C Succ [C Succ [v_{21}]]) v_5, Unfold addo Zero v_5 (C Succ [C Succ [C Succ [Zero]]])
[$v_0 \to v_{12}$, $v_1 \to v_{21}$, $v_2 \to$ C Num [Zero], $v_3 \to$ C Sum [C Num [v_0] C Sum [C Num [C Succ [Zero]] C Num [v_1]]], $v_4 \to$ Zero, $v_{10} \to$ C Num [v_0], $v_{11} \to$ C Sum [C Num [C Succ [Zero]] C Num [v_1]], $v_{12} \to$ C Succ [v_{32}], $v_{13} \to$ C Succ [v_{21}], $v_{18} \to$ C Num [C Succ [Zero]], $v_{19} \to$ C Num [v_1], $v_{20} \to$ C Succ [Zero], $v_{30} \to$ Zero]