Unfold help  $(v_0 : [v_1])$  (C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) (C Succ [Zero]] : Zero : C Succ [Zero] : C Succ [Zero] : [Zero]) (Zero :  $v_2$ )  $Unfold\ appendo\ (v_0:[v_1])\ (C\ Succ\ [Zero]: Zero:[C\ Succ\ [Zero]])\ (Zero:v_2),\ Unfold\ reverso\ (C\ Succ\ [Zero]]: Zero:C\ Succ\ [Zero]:C\ Succ\ [Zero]:[Zero])\ (Zero:v_2),\ Unfold\ reverso\ (C\ Succ\ [Zero]]: Zero:C\ Succ\ [Zero]:C\ Succ\ [Zero]:[Zer$ Unfold appendo  $(v_0 : [v_1])$  (C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) (Zero :  $v_2$ ) Unfold appendo  $[v_1]$  (C Succ [Zero]: Zero: [C Succ [Zero]]])  $v_5$ , Unfold reverso (C Succ [Zero]]: Zero: C Succ [Zero]: C Succ [Zero]:  $[v_0 \rightarrow v_3, v_2 \rightarrow v_5, v_3 \rightarrow Zero, v_4 \rightarrow [v_1]]$ Unfold appendo  $[v_1]$  (C Succ [Zero]: Zero : [C Succ [C Succ [Zero]]])  $v_5$ Unfold appendo [] (C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) v<sub>8</sub>, Unfold reverso (C Succ [C Succ [Zero]] : Zero : C Succ [Zero] : C Succ [Zero] : [Zero] (Zero : v<sub>6</sub> : v<sub>8</sub>)  $[v_0 \rightarrow v_3, v_1 \rightarrow v_6, v_2 \rightarrow v_5, v_3 \rightarrow Zero, v_4 \rightarrow [v_1], v_5 \rightarrow v_6 : v_8, v_7 \rightarrow []]$ Unfold appendo [] (C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) v<sub>8</sub> Unfold reverso (C Succ [C Succ [Zero]] : Zero : C Succ [Zero] : C Succ [Zero] : [Zero]) (Zero :  $v_6$  : C Succ [Zero] : Zero : [C Succ [Zero]]])  $[v_0 \rightarrow v_3, v_1 \rightarrow v_6, v_2 \rightarrow v_5, v_3 \rightarrow Zero, v_4 \rightarrow [v_1], v_5 \rightarrow v_6 : v_8, v_7 \rightarrow [], v_8 \rightarrow C$  Succ [Zero] : Zero : [C Succ [Zero]]]] Unfold reverso (C Succ [C Succ [Zero]] : Zero : C Succ [Zero] : C Succ [Zero] : [Zero]) (Zero : v<sub>6</sub> : C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) Unfold reverso (Zero : C Succ [Zero] : C Succ [Zero] : [Zero])  $v_{14}$ , Unfold appendo  $v_{14}$  ([C Succ [C Succ [Zero]]]) (Zero :  $v_6$  : C Succ [Zero] : Zero : [C Succ [Zero]]])  $[v_0 \rightarrow v_3, v_1 \rightarrow v_6, v_2 \rightarrow v_5, v_3 \rightarrow Zero, v_4 \rightarrow [v_1], v_5 \rightarrow v_6 : v_8, v_7 \rightarrow [], v_8 \rightarrow C$  Succ [Zero] : Zero : [C Succ [Zero]]],  $v_{12} \rightarrow C$  Succ [Zero]],  $v_{13} \rightarrow Zero$  : C Succ [Zero] : C Succ [Zero] : [Zero Unfold reverso (Zero : C Succ [Zero] : C Succ [Zero] : [Zero]) v<sub>14</sub> Unfold reverso (C Succ [Zero] : C Succ [Zero] : [Zero]  $v_{17}$ , Unfold appendo  $v_{14}$  ([C Succ [C Succ [Zero]]]) (Zero :  $v_6$  : C Succ [Zero] : Zero : [C Succ [Zero]]]) ( $v_{17}$ , Unfold appendo  $v_{14}$  ([C Succ [C Succ [Zero]]]) (Zero :  $v_6$  : C Succ [Zero] : Zero : [C Succ [Zero]]]) ( $v_{17}$ , Unfold appendo  $v_{14}$  ([C Succ [Zero]]]) ( $v_{17}$ ,  $v_{18}$ Unfold reverso (C Succ [Zero] : C Succ [Zero] : [Zero]) v<sub>17</sub> Unfold reverso (C Succ [Zero] : [Zero]) v<sub>20</sub>  $Unfold \ reverso \ [Zero] \ v_{23}, \ Unfold \ appendo \ v_{23} \ ([C \ Succ \ [Zero]]) \ v_{20}, \ Unfold \ appendo \ v_{14}, \ [C \ Succ \ [Zero]]) \ v_{20}, \ Unfold \ appendo \ v_{14} \ ([C \ Succ \ [Zero]]) \ v_{20}, \ Unfold \ appendo \ v_{14}, \ Unfold \ appendo \ v_{15} \ ([C \ Succ \ [Zero]]) \ v_{20}, \ Unfold \ appendo \ v_{20} \ ([C \ Succ \ [Zero]]) \ v_{20}, \ Unfold \ u_{20} \ ([C \ Succ \ [Zero]]) \ v_{20}, \ Unfold \ u_{20} \ u_{20}$  $Unfold \ appendo \ v_{26}, \ Unfold \ appendo \ v_{26} \ [Zero] \ v_{27}, \ Unfold \ appendo \ v_{28} \ [CSucc \ [Zero]]) \ v_{27}, \ Unfold \ appendo \ v_{28} \ [CSucc \ [Zero]]) \ v_{29}, \ Unfold \ appendo \ v_{29} \ [CSucc \ [Zero]]) \ v_{29}, \ Unfold \ appendo \ v_{29} \ [CSucc \ [Zero]]) \ v_{29}, \ Unfold \ appendo \ v_{29} \ [CSucc \ [Zero]]) \ v_{29}, \ Unfold \ appendo \ v_{29} \ [CSucc \ [Zero]]) \ v_{29}, \$ Unfold appendo  $v_{17}$ , Unfold appendo  $v_{23}$ , Unfold appendo  $v_{2$  $Unfold\ appendo\ [Zero] ([C\ Succ\ [Zero]])\ v_{20},\ Unfold\ appendo\ v_{20}\ ([C\ Succ\ [Zero]])\ v_{20},\ Unfold\ appendo\ v_{20}\ ([C\ Succ\ [Zero]])\ v_{21},\ Unfold\ appendo\ v_{21}\ ([C\ Succ\ [Zero]])\ v_{22},\ v_{21}\ v_{22}\ v_{21}\ v_{22}\ v_{22}\ v_{22}\ v_{22}\ v_{23}\ v_{22}\ v_{23}\ v_{24}\ v_{22}\ v_{23}\ v_{24}\ v_{24}\ v_{24}\ v_{26}\ v_{25}\ v_{25}\ v_{26}\ v_{26}\$  $Unfold \ appendo \ [] \ ([C \ Succ \ [Zero]]) \ v_{35}, \ Unfold \ appendo \ ([C \ Succ \ [Zero]]) \ v_{27}, \ Unfold \ appendo \ v_{14}, \ Unfold \ appendo \ v_{14}, \ Unfold \ appendo \ v_{17}, \ Unfold \ appendo \ v_{18}, \ v_{17}, \ v_{18}, \ v_{18}$ Unfold appendo (Zero]: C Succ [Zero]]) ([C Succ Unfold appendo (Zero : [C Succ [Zero]]) ([C Succ [Zero]]) v<sub>17</sub>  $Unfold \ appendo \ ([C Succ [Zero]]) \ ([C$ Unfold appendo ([C Succ [Zero]]) ([C Succ [Zero]]) v<sub>41</sub> Unfold appendo [] ([C Succ [Zero]])  $v_{44}$ , Unfold appendo (Zero : C Succ [Zero]])  $v_{44}$ , Unfold appendo (Zero : C Succ [Zero]]) (Zero :  $v_{44}$ ) [Zero]  $v_{14}$ , Unfold appendo (Zero : C Succ [Zero]]) (Zero :  $v_{44}$ ) [Zero]  $v_{44}$ , Unfold appendo (Zero : C Succ [Zero]]) (Zero :  $v_{44}$ ) [Zero]  $v_{44}$ ,  $v_{42}$   $v_{45}$   $v_{45}$  Unfold appendo [] ([C Succ [Zero]]) v<sub>44</sub> Unfold appendo (Zero : C Succ [Zero]]) [Zero] v<sub>14</sub>, Unfold appendo v<sub>14</sub> ([C Succ [Zero]]) (Zero : v<sub>6</sub> : C Succ [Zero]]) (Zero : v<sub>6</sub> : C Succ [Zero]]) [Zero] v<sub>14</sub>, V<sub>18</sub> → C Succ [Zero]] (Zero : v<sub>6</sub> : C Succ [Zero]]) (Zero : v<sub>7</sub> v<sub>8</sub> → C Succ [Zero]]) (Zero : v<sub>8</sub> v<sub>7</sub> → [], v<sub>8</sub> → C Succ [Zero]], v<sub>13</sub> → Zero, v<sub>16</sub> → C Succ [Zero], v<sub>17</sub> → v<sub>8</sub> → C Succ [Zero], v<sub>18</sub> → C Succ [Zero], v<sub>19</sub> → C Succ [Z Unfold appendo (Zero : C Succ [Zero] : [C Succ [Zero]]) [Zero] v<sub>14</sub>  $Unfold \ appendo \ (C \ Succ \ [Zero]: [C \ Succ \ Succ \ [Zero]: [C \ Succ \ Succ$ Unfold appendo (C Succ [Zero] : [C Succ [Zero]]) [Zero] v<sub>50</sub> Unfold appendo ([C Succ [Zero]]) [Zero] v<sub>53</sub>, Unfold appendo ([C Succ [Zero]]) ([C  $Unfold appendo \ [] \ [Zero] \ v_{56}, \ Unfold appendo \ [] \ [Zero] \ v_{56}, \ Unfold appendo \ [] \ [Zero] \ v_{56}, \ Unfold appendo \ [] \ [Zero] \ v_{56}, \ Unfold appendo \ [] \ [Zero] \ v_{56}, \ [C \ Succ \ [Zero]] \ v_{56}, \$ Unfold appendo (Zero: C Succ [Zero]: C Succ [ZerUnfold appendo (Zero : C Succ [Zero] : C Succ [Zero] : [Zero]) ([C Succ [C Succ [Zero]]]) (Zero : v<sub>6</sub> : C Succ [Zero] : Zero : [C Succ [Zero]]]) Unfold appendo (C Succ [Zero] : C Succ [Zero]]) (v\_6 : C Succ [Zero] : C Succ Unfold appendo (C Succ [Zero] : C Succ [Zero] : [Zero]) ([C Succ [C Succ [Zero]]]) (v<sub>6</sub> : C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) Unfold appendo (C Succ [Zero]]) (C Succ Unfold appendo (C Succ [Zero] : [Zero]) ([C Succ [C Succ [Zero]]]) (C Succ [Zero] : Zero : [C Succ [C Succ [Zero]]]) Unfold appendo [Zero] [(C Succ [C Suc Unfold appendo [Zero] ([C Succ [C Succ [Zero]]]) (Zero : [C Succ [C Succ [Zero]]]) Unfold appendo [] ([C Succ [Zero]]]) ([C Succ [Zero]]) ([C Succ

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