

$$trans(l_1 l_2 l_3) = \begin{cases} l_1 \oplus 2 \oplus trans(l_2) \oplus trans(l_3), l_2 \neq [] \text{ si } l_3 \neq [] \\ l_1 \oplus 1 \oplus trans(l_2), l_2 \neq [] \text{ si } l_3 = [] \\ l_1 \oplus 1 \oplus trans(l_3), l_3 \neq [] \text{ si } l_2 = [] \\ l_1 \oplus 0, altfel \end{cases}$$