

q-constraint-zero^{11,40}

$\forall x: (\mathbb{N} \rightarrow \mathbb{Q}), r: \mathbb{Z}, k: \mathbb{N}^+, y: (\mathbb{Q} \text{ List}).$

$(k \leq \|y\|)$

$\Rightarrow (x(k) = 0 \in \mathbb{Q})$

$\Rightarrow (\text{q-rel}(r; \text{q-linear}(k; j.x(j); y)) \iff \text{q-rel}(r; \text{q-linear}(k - 1; j.x(j); y)))$