

sum_unroll_hi_q^{11,40}

$\forall i, j: \mathbb{Z}.$

$(i < j) \Rightarrow (\forall E: (\{i..j^-\} \rightarrow \mathbb{Q}). \sum_{i \leq k < j}. E(k) = (\sum_{i \leq k < j-1}. E(k) + E(j-1)) \in \mathbb{Q})$