

qsum-non-neg2^{11,40}

$\forall i, j: \mathbb{Z}, f: \{i..j^-\} \rightarrow \mathbb{Q}. (\forall n: \{i..j^-\}. 0 \leq f(n)) \Rightarrow 0 \leq \sum_{i \leq n < j} f(n)$