

qsum-subsequence-qle^{11,40}

$$\begin{aligned} & \forall f: (\mathbb{N} \rightarrow \mathbb{Q}). \\ & (\forall n: \mathbb{N}. 0 \leq f(n)) \\ \Rightarrow & (\forall k: \mathbb{N}, g: (\{0..(k+1)^-\} \rightarrow \mathbb{N}). \\ & (\forall n: \{0..(k+1)^-\}, i: \{0..n^-\}. (g(i)) < (g(n))) \\ \Rightarrow & \Sigma 0 \leq i < k \\ & f(g(i)) \leq \Sigma 0 \leq i < g(k) \\ & f(i) \end{aligned}$$