

isolate_summand^{4,23}

$\forall n:\mathbb{N}, f:(\mathbb{N}_{<n} \rightarrow \mathbb{Z}), m:\mathbb{N}_{<n}. \text{sum}(f(x) \mid x < n) = f(m) + \text{sum}(\text{if } x=2m \rightarrow 0 \text{ else } f(x) \text{ fi} \mid x < n)$