

sum_split^{11,40}

$\forall n:\mathbb{N}, f:(\{0..n\} \rightarrow \mathbb{Z}), m:\{0..(n+1)\}$.

$$\text{sum}(f(x) \mid x < n) = \text{sum}(f(x) \mid x < m) + \text{sum}(f(x+m) \mid x < n - m)$$