

## sum\_shift\_q<sup>11,40</sup>

$\forall a, b: \mathbb{Z}.$

$(a \leq b) \Rightarrow (\forall E: (\{a..b^-\} \rightarrow \mathbb{Q}), k: \mathbb{Z}. \Sigma a \leq j < b. E(j) = \Sigma a+k \leq j < b+k. E(j-k) \in \mathbb{Q})$