

expectation-qsum^{11,40}

$\forall k:\mathbb{N}, p:\text{FinProbSpace}, n:\mathbb{N}, X:(\{0..k^-\}\rightarrow\text{RandomVariable}(p;n)).$
 $E(n;\lambda s.\Sigma 0 \leq i < k. X(i,s)) = \Sigma 0 \leq i < k. E(n;X(i)) \in \mathbb{Q}$