

primrec_add^{11,40}

$\forall T:\text{Type}, n, m:\mathbb{N}, b:T, c:(\{0..(n+m)\} \rightarrow T \rightarrow T).$

$\text{primrec}(n+m;b;c) = \text{primrec}(n;\text{primrec}(m;b;c);\lambda i,t. c(i+m,t)) \in T$

ProofTree