

fun_thru_spread^{12,41}

$\forall A:\text{Type}, B:(A \rightarrow \text{Type}), p:(x:A \times B(x)), C, D:\text{Type}, f:(C \rightarrow D), b:(x:A \rightarrow B(x) \rightarrow C).$
 $f(\text{let } x,y = p \text{ in } b(x,y)) = \text{let } x,y = p \text{ in } f(b(x,y))$

ProofTree