

intpair-less^{11,40}

$x < y \equiv_{\text{def}} \text{let } n, m = x \text{ in let } n', m' = y \text{ in } (n < n') \vee (n = n' \ \& \ (m < m'))$

clarification:

$x < y \equiv_{\text{def}} \text{let } n, m = x \text{ in let } n', m' = y \text{ in } (n < n') \vee (n = n' \in \mathbb{Z} \ \& \ (m < m'))$