

mu-bound-property^{0,22}

$\forall b:\mathbb{N}, f:(\mathbb{N}_{<b} \rightarrow \mathbb{B}). (\exists n:\mathbb{N}_{<b}. f(n)) \Rightarrow \{\text{mu}(f) \in \mathbb{N}_{<b} \ \& \ f(\text{mu}(f)) \ \& \ (\forall i:\mathbb{N}_{<b}. i < \text{mu}(f) \Rightarrow \neg f(i))\}$