

## mu-bound-property+<sup>11,40</sup>

$\forall b:\mathbb{N}, f:\{0..b^-\}\rightarrow\mathbb{B}.$

$(\exists n:\{0..b^-\}. (\uparrow(f(n))))$

$\Rightarrow \{\text{mu}(f) \in \{0..b^-\} \ \& \ (\uparrow(f(\text{mu}(f)))) \ \& \ (\forall i:\{0..b^-\}. (i < \text{mu}(f)) \Rightarrow (\neg(\uparrow(f(i))))))\}$