

nondecreasing^{4,23}

$\text{nondecreasing}(f;k) \equiv_{\text{def}} \forall i:\mathbb{N}_{<k-1}. f(i)\leq f(i+1)$

clarification:

$\text{nondecreasing}(f;k) \equiv_{\text{def}} \forall i:\{0..(k-1)^-\}. f(i)\leq f(i+1)$