nat_ind[12,41]

$\forall P{:}(\mathbb{N} \to \mathbb{P}\{\mathrm{k}\}).\ P(0) \Rightarrow (\forall i{:}\mathbb{N}^+.\ P(i\ \text{-}\ 1) \Rightarrow P(i)) \Rightarrow \{\forall j{:}\mathbb{N}.\ P(j)\}$

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_2499_{nat_ind}.html