

finite-sequence-coding-exists^{11,40}

$\exists code:\mathbb{N} \rightarrow (k:\mathbb{N} \times (\{0..k^-\} \rightarrow \mathbb{N})). \text{Surj}(\mathbb{N}; k:\mathbb{N} \times (\{0..k^-\} \rightarrow \mathbb{N}); code)$