1 Introduction

Big Proof Trees Iain Moncrief February 2023

 $\{\}: length [5] \Rightarrow 1$ $\{\}: length [5] \Rightarrow 1$ $\{\}: length [5] \Rightarrow 2$ \vdots $\{\}: length [4,5] \Rightarrow 2$ $\{\}: length [4,5] \Rightarrow 2$ $\{\}: length [4,5] \Rightarrow 3$ $\{\}: length [4,5] \Rightarrow 3$ $\{\}: length [3,4,5] \Rightarrow 3$ $\{\}: length [3,4,5] \Rightarrow 4$ $\{\}: length [2,3,4,5] \Rightarrow 4$ $\{\}: length [2,3,4,5] \Rightarrow 5$ \vdots $\{\}: length [1,2,3,4,5] \Rightarrow 5$ $\{\}: length [2,3,4,5] \Rightarrow 5$ $\{\}: length [3,4,5] \Rightarrow 3$ $\{\}: length [4,5] \Rightarrow 2$ $\{\}: length [6] \Rightarrow 1$ $\{\}: length [1] \Rightarrow 0$