

prftree usepackage

<https://www.ctan.org/pkg/prftree>

$$\frac{\frac{[x : A]^1}{\lambda y : B. x : B \rightarrow A} \text{Lam}}{\lambda x : A. \lambda y : B. x : A \rightarrow (B \rightarrow A)} \text{Lam}_{(1)}$$

tikz-qtree usepackage

<https://ctan.org/pkg/tikz-qtree>

$$\frac{\frac{\{x : (A \rightarrow B) \rightarrow A\} \vdash x : (A \rightarrow B) \rightarrow A \quad \{x : (A \rightarrow B) \rightarrow A\} \vdash \lambda y. ?^3 : A \rightarrow B}{\{x : (A \rightarrow B) \rightarrow A\} \vdash x ?^2 : A} \quad \frac{\{x : (A \rightarrow B) \rightarrow A\} \vdash x ?^2 : A}{\vdash \lambda x. ? : ((A \rightarrow B) \rightarrow A) \rightarrow A}$$