

Boilerplate latex document

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Computer Science, 4th semester

May 24, 2022

Abstract

This is the paper's abstract ...

1 Introduction

This is time for all good men to come to the aid of their party!

$$\begin{array}{c} \text{Foo} \\ A \quad B \\ C \\ \hline D \end{array} \qquad \begin{array}{c} \text{BAR} \\ X \\ \hline Y \end{array}$$

$$\begin{array}{c} \frac{\frac{\frac{}{\vdash \diamond} \text{ by (Env)}}{\vdash K} \text{ by (Type Const)}}{\vdash K \rightarrow K} \text{ by (Env } x) \quad \frac{\frac{\frac{}{\vdash \diamond} \text{ by (Env)}}{\vdash K} \text{ by (Type Const)}}{\vdash K} \text{ by (Type Arrow)} \quad \frac{\frac{\frac{}{\vdash \diamond} \text{ by (Env)}}{\vdash K} \text{ by (Type Const)}}{\vdash K \rightarrow K} \text{ by (Env } x) \quad \frac{\frac{\frac{}{\vdash \diamond} \text{ by (Env)}}{\vdash K} \text{ by (Type Const)}}{\vdash K} \text{ by (Type Const)} \\ \frac{\frac{\frac{\frac{\frac{\frac{\vdash K \rightarrow K}{, y : K \rightarrow K \vdash \diamond} \text{ by (Type Const)}}{, y : K \rightarrow K \vdash K} \text{ by (Env } x)}}{, y : K \rightarrow K, z : K \vdash \diamond} \text{ by (Val } x)}}{, y : K \rightarrow K, z : K \vdash y : K \rightarrow K} \text{ by (Val Fun)} \quad \frac{\frac{\frac{\frac{\frac{\frac{\vdash K \rightarrow K}{, y : K \rightarrow K \vdash \diamond} \text{ by (Type Const)}}{, y : K \rightarrow K \vdash K} \text{ by (Env } x)}}{, y : K \rightarrow K, z : K \vdash \diamond} \text{ by (Val } x)}}{, y : K \rightarrow K, z : K \vdash z : K \rightarrow K} \text{ by (Val Fun)} \end{array}$$