

Introduction to L^AT_EX

Author's Name

January 24, 2017

Abstract

The abstract text goes here.

1 Hue

1.1 Terminos

1.2 Reduccion

1.3 Contextos

1.4 Typechecker

[3] [1] [2]

$$\frac{}{\vdash s_1 : s_2} \text{ Srtnsd} \quad (1)$$

$$\frac{\Gamma \vdash A : \multimap s}{\Gamma, x : A \vdash_{nsd} x : A} \text{ Varnsd} \quad (2)$$

$$\frac{\Gamma \vdash_{nsd} b : B \quad \Gamma \vdash A : \multimap s}{\Gamma, x : A \vdash_{nsd} b : B} \text{ Wknsd} \quad (3)$$

$$\frac{\Gamma \vdash A : \multimap s_1 \quad \Gamma, x : A \vdash_{nsd} B : \multimap s_2}{\Gamma \vdash_{nsd} \Pi x : A. B : s_3} \text{ Pinsd} \quad (4)$$

$$\frac{\Gamma \vdash A : \multimap s_1 \quad \Gamma, x : A \vdash_{nsd} b : \multimap B \quad \Gamma, x : A \vdash_{nsd} B : \multimap s_2}{\Gamma \vdash_{nsd} \lambda x : A. b : \Pi x : A. B} \text{ Ldansd} \quad (5)$$

$$\frac{\Gamma \vdash a : \multimap \Pi x : A. B \quad \Gamma \vdash_{nsd} b : \multimap B}{\Gamma \vdash_{nsd} a \ b : A[x := b]} \text{ Appnsd} \quad (6)$$

2 Conclusion

Write your conclusion here.

References

- [1] L. S. van Benthem Jutting, J. McKinna, and R. Pollack. Checking algorithms for pure type systems. In H. Barendregt and T. Nipkow, editors, *Types for Proofs and Programs*, pages 19–61. Springer, Berlin, Heidelberg, 1993.
- [2] L. S. van Benthem Jutting, James McKinna, and Robert Pollack. Checking algorithms for pure type systems. In Henk Barendregt and Tobias Nipkow, editors, *Types for Proofs and Programs, International Workshop TYPES'93, Nijmegen, The Netherlands, May 24-28, 1993, Selected Papers*, volume 806 of *Lecture Notes in Computer Science*, pages 19–61. Springer, 1993.
- [3] L.S. van Benthem Jutting, J. McKinna, and R. Pollack. Checking algorithms for pure type systems, 1993.