

Type Preservation of the Dictionary Passing Transform

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Abstract. Abstract.

1 Introduction

1.1 Motivation

$\Pi\sigma$

1.2 Example

2 Preliminary

2.1 Dependently Typed Programming in Agda

2.2 Pure Type Systems

3 System F

3.1 Specification

Syntax.

Renaming.

Substitution.

Context.

Typing.

Semantic.

3.2 Soundness

Progress.

Subject Reduction.

4 System F with Overloading

Syntax.

Renaming.

Substitution.

Context.

Typing.

4.1 Specification

5 Dictionary Passing Transform

5.1 Type Preservation Proof

6 Conclusion and Further Work

6.1 Hindley Milner

6.2 Semantic Preservation

References

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