

A Sample Article for the LIPIcs series*

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Abstract

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1 Introduction

2 Preliminaries

Recall syntax, define colimit, interval, homotopy pushout.

3 The Approximator

Given a HIT, define a sequence $F : \mathbb{N} \rightarrow Type$ (approximator), and approximations F_n for $n : \mathbb{N}$.

4 The Rules

4.1 Introduction Rules

4.2 Elimination Rule

4.3 Computation Rules

5 Lemmata

► **Lemma 1.** *Colimits commute with coproducts.*

► **Lemma 2.** *Colimits commute with products.*

► **Lemma 3.** *Colimits commute with pullbacks.*

* This work was partially supported by someone.



6 Conclusion and Further Work

References

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