

1. INTRODUCTION

- 1.1. **Semantics of the λ -calculus.**
- 1.2. **Variables and substitution \rightarrow Algebraic theory.**
- 1.3. **Semantics \rightarrow Algebra.**
- 1.4. **Abstraction and application $\rightarrow \lambda$ -theory.**

2. PROGRESS

- 2.1. **Definitions and equivalences.**
- 2.2. **Examples.**
- 2.3. **Displayed categories.**
- 2.4. **Higher inductive types.**

3. FUTURE WORK

- 3.1. **Remainder of the paper.**
- 3.2. **Explorations.**
- 3.3. **Generalizations.**