Typed Functional Genetic Programming

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1 Introduction

- 2 Definitions
- 2.1 Lambda term
- 2.2 Type
- 2.3 Context
- 2.4 Inference rules
- 2.5 Term generating grammars
- 2.6 Inhabitation tree
- 2.6.1 Inhabitation Machine
- 2.7 Roadmap
- 2.8 Conversion to SKI combinators
- 3 Top level view
- 4 Term generating
- 5 Crossover
- 6 Mutation
- 7 Problems

In this section we will present usage of the system on solving specific problems.

- 7.1 **Even Parity Problem**
- 7.2 **Big Context**
- \mathbf{Fly} 7.3
- Simple Symbolic Regression 7.4
- 7.5 **Artificial Ant**
- 7.6 **Boolean Alternate**
- Conclusion 8
- Sandbox, YAY! 9

Blah!

$$E = mc^2 (1)$$

$$E = mc^{2}$$
 (1)

$$m = \frac{m_{0}}{\sqrt{1 - \frac{v^{2}}{c^{2}}}}$$
 (2)