

# Typed Functional Genetic Programming

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April 2013

## 1 Outline

### 1.1 Introduction

### 1.2 Definitions

#### 1.2.1 Lambda term

#### 1.2.2 Type

#### 1.2.3 Inhabitation Machine

### 1.3 Top level view

### 1.4 Term generating

### 1.5 Crossover

### 1.6 Mutation

## 2 Examples

Blah blah...

### 2.1 Blah Blah

Blah...

### 2.1.1 Example formula

$$E = mc^2 \tag{1}$$

$$m = \frac{m_0}{\sqrt{1 - \frac{v^2}{c^2}}} \tag{2}$$