

# $\psi$ lang: Design and Motivations

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# 1 Motivations

Computer Science is arguably one of the most interesting fields of **math**, so why is there such a big disconnect between the math one learns in university and high school CS and the programming language of choice?

## 2 Design

### 2.1 Syntax

### 2.2 Relations to Mathematics

#### 2.2.1 Lambda Calculus

### 2.3 Tokenization