TaPL Seminar

3.1 - 3.4

Kosuke Kiuchi

March 20th, 2023

3 Untyped Arithmetic Expressions

3 Untyped Arithmetic Expressions

3.1 Introduction

language

```
t ::= true
      false
      if t then t else t
      0
      succ t
      pred t
      iszero t
```

Symbol t in the right-hand sides is called a *metavariable*.
It is a place-holder for some particular term.
"Meta" is because it is a variable of the *metalanguage*, not *object language*.

扱う言語の項は図のように表される
今の所、項と式は同義

3.2

Title

これはブロックです