Mathe L

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1 Introduction

- The custom symbol for "if" is ⧾
- The custom symbol for "else if" is ⧻
- The custom symbol for "else" is ⊤
- The custom symbol for "to" is →
- The custom symbol for "also" is ◇
- The custom symbol for "additional Content" is ⟹
- The custom symbol for "done/end" is ⊠
- The custom symbol for "equal to before's statement" is ⟷
- The custom symbol for "true" is ⊥
- The custom symbol for "false" is ⊤
- The custom symbol for "undefined" is ⊥⊥

For example:

$$\text{⧾}(\forall x \in \mathbb{N}, \exists y \in \mathbb{C}) : f(x) \leftrightarrow f'(y) \rightarrow \diamondsuit(x' = y) \text{⧻} (f(x) \geq f'(y)) \rightarrow (x \geq y + x) \top \rightarrow x \neq y$$

$$\Rrightarrow f(x) = \_\_\_\_$$

$$\text{⧾}(\forall x \in \mathbb{N}, \exists y \in \mathbb{C}, k \neq 0) : (x + yk) = 0 \top x + yk \neq 0 \boxtimes$$

$$\leftrightarrow \text{⧾} (k = 0) : (x + ky \neq 0) \top x + ky = 0 \boxtimes$$