

MyFirstDocument

stinkybug3

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1 Introduction

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 Lorem ipsum dolor sit amet: $a + b = C$

$$a^2 + b^2 = c^2 \quad (1)$$

1.1 Logical notation

P	Q	$P \wedge Q$	$P \vee Q$	$\neg P$	$P \rightarrow Q$	$P \leftrightarrow Q$
\top	\perp					

Universal: $\forall x P x$

Exists: $\exists x P x$

Conjunction: $P \wedge Q$

Disjunction: $P \vee Q$

1.1.1 A deduction

(1)	$P \wedge Q$	prem
(2)	P	\wedge Elim 1
(3)	R	Supp/CP
(4)	S	Magic!
(5)	$R \rightarrow S$	CP 3-4

(6)	<u>something</u>	magic again
(7)	P	Bingo