

Logical Abbreviations

\hookrightarrow is an abbreviation for “is an abbreviation for”

$\alpha \wedge \beta$	\hookrightarrow	$\neg(\neg\alpha \vee \neg\beta)$
$\alpha \rightarrow \beta$	\hookrightarrow	$\neg\alpha \vee \beta$
$\alpha \leftrightarrow \beta$	\hookrightarrow	$(\alpha \rightarrow \beta) \wedge (\beta \rightarrow \alpha)$
$\mathcal{A} \models \alpha$	\hookrightarrow	$\mathcal{A}(\alpha) = 1$