Logic Symbols for LaTeX

packages needed: amsmath, amssymb, MnSymbol

\supset: ⊃

\rightarrow: →

\lor: ∨

\vee: ∨

\equiv: ≡

\leftrightarrow: ↔

\iff: ⟺

\neg: ¬

\sim: ~

\bullet: •

\wedge: ∧

\land: ∧

\&: &

\in: ∈

\notin: ∉

\emptyset: ∅

\subseteq: ⊆

\subset: ⊂

\cap: ∩

\cup: ∪

\Vdash: ⊩

\nVDash: ⊮

\vdash: ⊢

\nvdash: ⊬

\models: ⊨

\nrightmodels: ⊭

\square: □

\medsquare: □

\diamond: ◇

\meddiamond: ◇

\forall: ∀

\exists: ∃