Introduction Rules	Elimination Rules

$$\frac{\Gamma \vdash A \qquad \Gamma \vdash B}{\Gamma \vdash A \wedge B} \wedge \text{I}$$

$$\frac{\Gamma \vdash A \wedge B}{\Gamma \vdash A} \wedge \text{E}_{\text{L}} \qquad \frac{\Gamma \vdash A \wedge B}{\Gamma \vdash B} \wedge \text{E}_{\text{R}}$$

$$\frac{\Gamma \vdash A}{\Gamma \vdash A \vee B} \vee \text{I}_{\text{L}} \qquad \frac{\Gamma \vdash B}{\Gamma \vdash A \vee B} \vee \text{I}_{\text{R}}$$

$$\frac{\Gamma \vdash A \vee B \qquad \Gamma, u{:}A \vdash C \qquad \Gamma, w{:}B \vdash C}{\Gamma \vdash C} \vee \text{E}^{u,w}$$

$$\frac{\Gamma, u{:}A \vdash B}{\Gamma \vdash A \supset B} \supset \text{I}^{u}$$

$$\frac{\Gamma \vdash A \supset B \qquad \Gamma \vdash A}{\Gamma \vdash B} \supset \text{E}$$

$$\frac{\Gamma, u{:}A \vdash p}{\Gamma \vdash \neg A} \neg \text{I}^{p,u}$$

$$\frac{\Gamma \vdash \neg A \qquad \Gamma \vdash A}{\Gamma \vdash C} \neg \text{E}$$

$$\frac{}{\Gamma \vdash \top} \top \text{I}$$

no $\top$ elimination

no $\perp$ introduction

$$\frac{\Gamma \vdash \perp}{\Gamma \vdash C} \perp \text{E}$$

$$\frac{\Gamma \vdash [a/x]A}{\Gamma \vdash \forall x.\ A} \forall \text{I}^{a}$$

$$\frac{\Gamma \vdash \forall x.\ A}{\Gamma \vdash [t/x]A} \forall \text{E}$$

$$\frac{\Gamma \vdash [t/x]A}{\Gamma \vdash \exists x.\ A} \exists \text{I}$$

$$\frac{\Gamma \vdash \exists x.\ A \qquad \Gamma, u{:}[a/x]A \vdash C}{\Gamma \vdash C} \exists \text{E}^{a,u}$$

We also have a new rule for hypotheses which was an implicit property of the hypothetical judgments before.

$$\frac{}{\Gamma_1, u{:}A, \Gamma_2 \vdash A} u$$