On rappelle que l'ensemble des *séquents prouvables* pour la logique propositionnelle est défini inductivement par :

$$\frac{}{\Gamma, F \vdash F}\,(ax) \qquad \frac{\Gamma \vdash F}{\Gamma, G \vdash F}\,(aff)$$

$$\frac{\Gamma, F \vdash G}{\Gamma \vdash F \Rightarrow G}\,(\Rightarrow_i) \qquad \frac{\Gamma \vdash F \Rightarrow G \quad \Gamma \vdash F}{\Gamma \vdash G}\,(\Rightarrow_e)$$

$$\frac{\Gamma \vdash F \quad \Gamma \vdash G}{\Gamma \vdash F \wedge G}\,(\wedge_i) \qquad \frac{\Gamma \vdash F \wedge G}{\Gamma \vdash F}\,(\wedge_e^g) \quad \frac{\Gamma \vdash F \wedge G}{\Gamma \vdash G}\,(\wedge_e^d)$$

$$\frac{\Gamma \vdash F}{\Gamma \vdash F \vee G}\,(\vee_i^g) \qquad \frac{\Gamma \vdash G}{\Gamma \vdash F \vee G}\,(\vee_i^d)$$

$$\frac{\Gamma \vdash F \vee G \quad \Gamma, F \vdash H \quad \Gamma, G \vdash H}{\Gamma \vdash H}\,(\vee_e)$$

$$\frac{\Gamma, F \vdash \bot}{\Gamma \vdash \neg F}\,(\neg_i) \qquad \frac{\Gamma \vdash \neg F \quad \Gamma \vdash F}{\Gamma \vdash \bot}\,(\neg_e) \qquad \frac{\Gamma, \neg F \vdash \bot}{\Gamma \vdash F}\,(\bot_c)$$