

Sémantique

$\llbracket A \rrbracket \leftarrow A \text{ est possible?}$

$$\llbracket \pi \rrbracket = \llbracket \pi' \rrbracket \iff \pi \rightsquigarrow \pi'$$

- sémantique catégorique

$A \rightsquigarrow \text{objets}$

$\pi \rightsquigarrow \text{morphismes}$

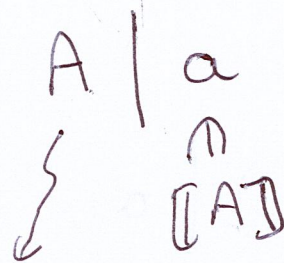
- sémantique relationnelle

$A \stackrel{\pi}{\vdash} B \quad \vdash A^\perp, B$

$\pi \mapsto \mathcal{R}$

$$\llbracket \pi \rrbracket := \llbracket \mathcal{R} \rrbracket$$

Expériences



$\llbracket A \rrbracket$ un ensemble

$x \mapsto \mathcal{X}$

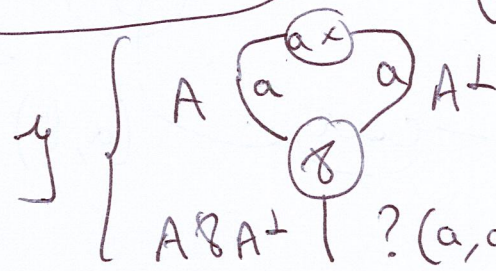
$$\llbracket A \otimes B \rrbracket = \llbracket A \rrbracket \times \llbracket B \rrbracket$$

$$\llbracket A \wp B \rrbracket = \llbracket A \rrbracket \times \llbracket B \rrbracket$$

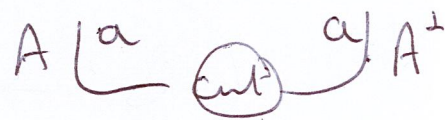
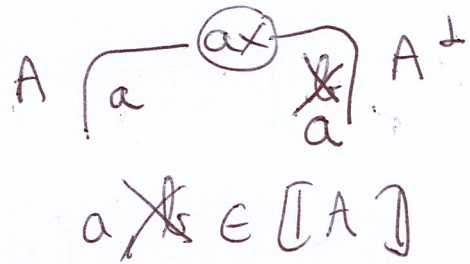
$$\llbracket !A \rrbracket = \text{ob}_{\text{fin}}(\llbracket A \rrbracket)$$

$$\llbracket ?A \rrbracket = \text{ob}_{\text{fin}}(\llbracket A \rrbracket)$$

$$\llbracket A^\perp \rrbracket = \llbracket A \rrbracket$$



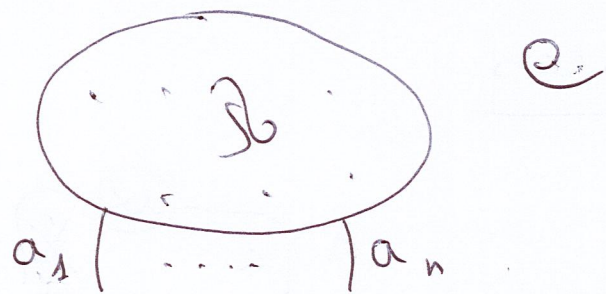
$$\llbracket y \rrbracket = \{(a, a) \mid a \in \llbracket A \rrbracket\}$$



$(a, b) \in \llbracket A \otimes B \rrbracket$



$(a, b) \in \llbracket A \wp B \rrbracket$



$\llbracket S \rrbracket := \{ (a_1, \dots, a_n) \mid a_1, \dots, a_n \text{ r\u00e9sultat d'une exp\u00e9rience } e \text{ de } S \}$

$S \rightarrow S' \Rightarrow \llbracket S \rrbracket = \llbracket S' \rrbracket$

