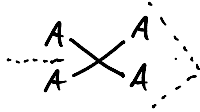


So far only trees



$$A \oplus A = A \oplus A$$



Computation: Additives

$$\frac{A \oplus B}{\text{Proced:}}$$

$$B \Rightarrow b$$

if b
then A
else B

Rules for \oplus

$$\frac{\Gamma \vdash \Delta, A_i}{\Gamma \vdash \Delta, A_i \oplus A_j}$$

$$\frac{A_i, \Gamma \vdash \Delta \quad A_j, \Gamma \vdash \Delta}{A_i \oplus A_j, \Gamma \vdash \Delta}$$

A & B

Proced:

$$b \Leftarrow B$$

if b $\begin{cases} A \\ B \end{cases}$

Rules for &

$$\frac{A_i, \Gamma \vdash \Delta}{A_i \& A_j, \Gamma \vdash \Delta}$$

$$\frac{\Gamma \vdash \Delta, A_i \quad \Gamma \vdash \Delta, A_j}{\Gamma \vdash \Delta, A_i \& A_j}$$

Additive Units

$$\overline{0, \Gamma \vdash \Delta}$$

No right rule!

$$\overline{\Gamma \vdash T, \Delta}$$

No left rule!

