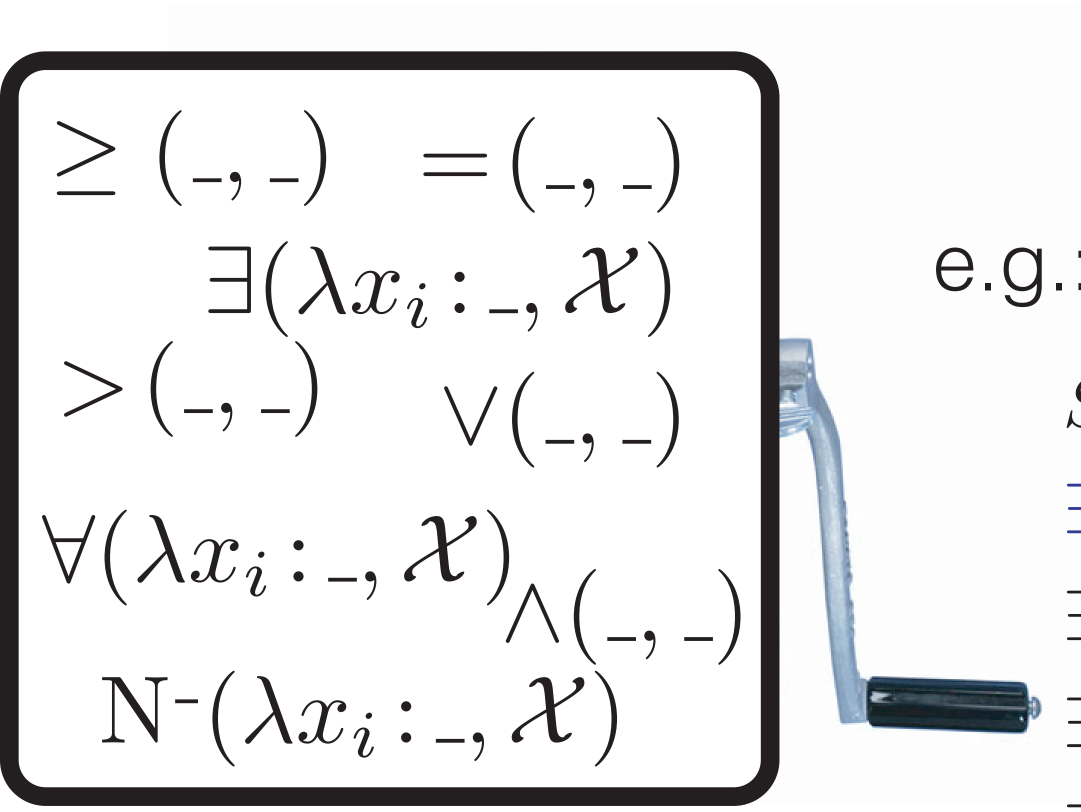


e.g.:

$S \rightarrow$

$\exists(\lambda x_1 : A, \mathcal{X}) \rightarrow$

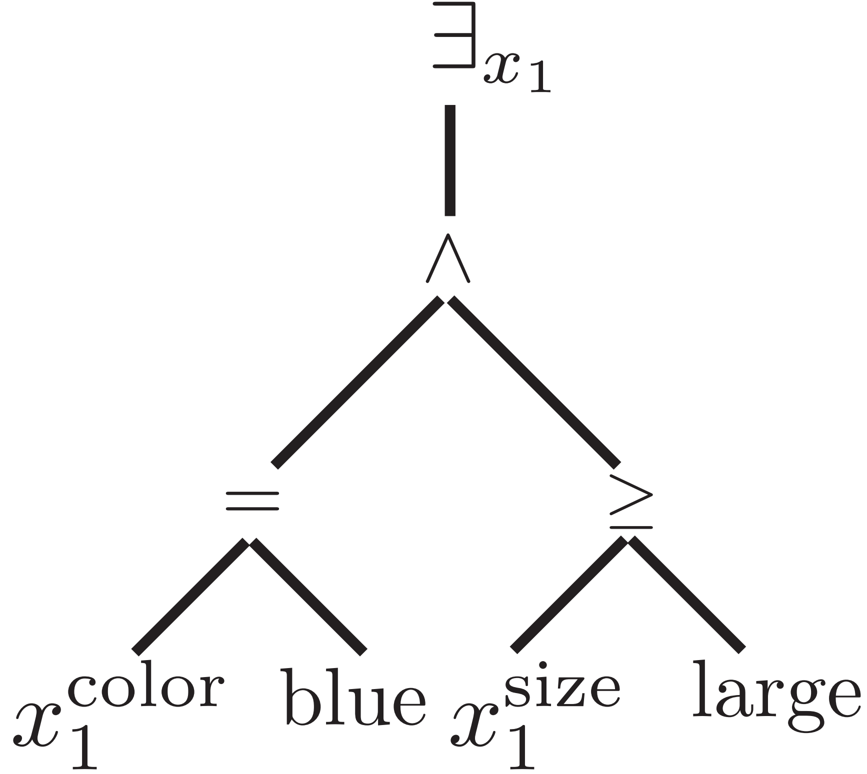
$\exists(\lambda x_1 : B, \mathcal{X}) \rightarrow$

$\exists(\lambda x_1 : H(B, B), \mathcal{X}) \rightarrow$

$\exists(\lambda x_1 : \wedge(=(x_1, D1), I(x_1, D2)), \mathcal{X}) \rightarrow$

$\exists(\lambda x_1 : \wedge(=(x_1, \text{blue}, \text{colour}), \geq(x_1, \text{medium}, \text{size})), \mathcal{X})$

There is a blue cone that is at least medium sized



$S \rightarrow$

$N^{=}(\lambda x_1 : A, 1, \mathcal{X})$

$\mathrm{N}^{=}(\lambda x_1 : S, 1, \mathcal{X})$

$\mathrm{N}^{=}(\lambda x_1 : N^{\geq}(\lambda x_2, A, 2, \mathcal{X}), 1, \mathcal{X}) :$

$\mathrm{N}^{=}(\lambda x_1 : \mathrm{N}^{\geq}(\lambda x_2, B, 2, \mathcal{X}), 1, \mathcal{X}) :$

$\mathrm{N}^{=}(\lambda x_1 : \mathrm{N}^{\geq}(\lambda x_2, \wedge(B, B), 2, \mathcal{X}), 1, \mathcal{X}) :$

$\mathrm{N}^{=}(\lambda x_1 : \mathrm{N}^{\geq}(\lambda x_2 : \wedge(=(x_1, D1),\ I(x_1, x_2, E2)), 2, \mathcal{X}), 1, \mathcal{X})$

$\mathrm{N}^{=}(\lambda x_1 : \mathrm{N}^{\geq}(\lambda x_2 : \wedge(=(x_1, \text{red}, \text{colour}),\ >(x_1, x_2, \text{ypos})), 2, \mathcal{X}), 1, \mathcal{X})$

One red cone is above at least two other cones