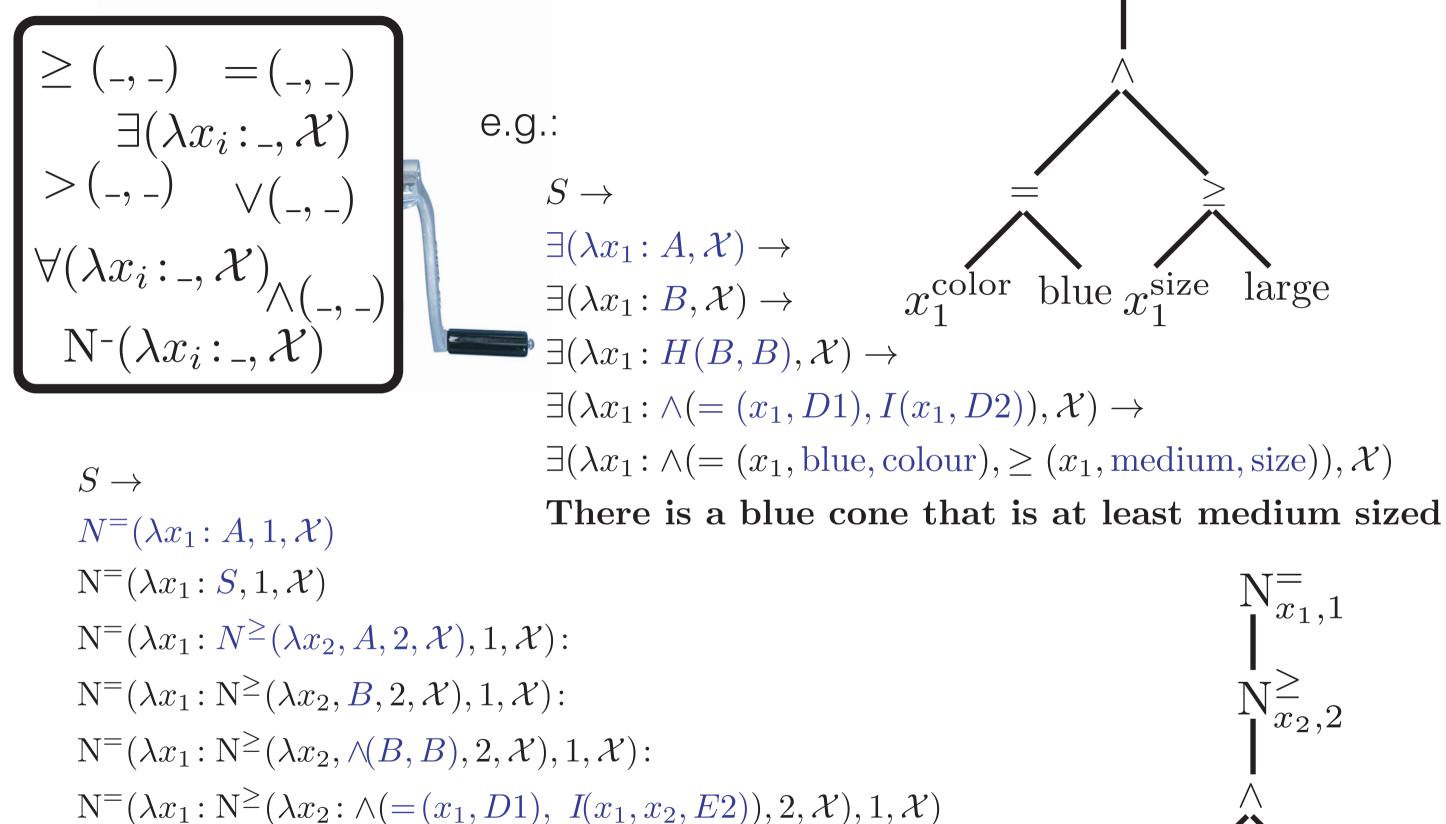
a) Context free generation



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

One red cone is above at least two other cones

 \exists_{x_1}

 $x_1^{\text{color}} \operatorname{red} x_1^{\text{ypos}} x_2^{\text{ypos}}$

b) Context based generation

