Key idea: Double the grades
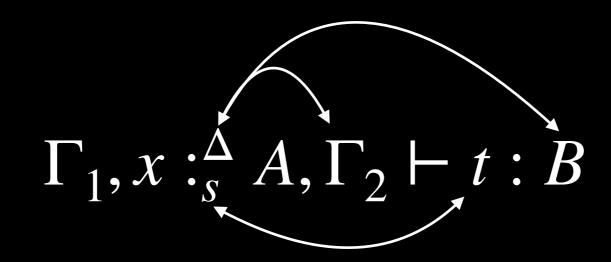
Graded Comonads:

$$\Gamma_1, x :_s A, \Gamma_2 \vdash t : B$$

Key idea: Double the grades

$$\Gamma_1, x :^{\Delta}_s A, \Gamma_2 \vdash t : B$$

where $\Delta : \mathsf{Vars}_\bullet \to \mathscr{R}$ is called a usage map.