

Graded Comonads

$$\frac{\Gamma_1, \Gamma_2 \vdash B}{\Gamma_1, \Box_0 A, \Gamma_2 \vdash B} W$$

$$\frac{\Gamma_1, \Box_{r_1} A, \Box_{r_2} A, \Gamma_2 \vdash B}{\Gamma_1, \Box_{r_1+r_2} A, \Gamma_2 \vdash B} C$$

$$\frac{\Gamma, A \vdash B}{\Gamma, \Box_1 A \vdash B} D$$

Graded Comonads

$$\frac{\Gamma_2 \vdash \Box_r A \quad \Gamma_1, A \odot r \vdash B}{\Gamma_1, \Gamma_2 \vdash B} \Box_e$$

$$\frac{\odot \Gamma \vdash B}{p * \Gamma \vdash \Box_p B} P$$