16,+,0,0 Contexts and Contextual Equivalence.

P(+ Cv: (P > p) ms z

$$\frac{\Gamma'_{,\times;\tau_{0}} + C : (\Gamma, \times; \tau_{0} D \to \delta_{\tau}) \sim F^{\delta_{\tau}}}{\Gamma'_{,} \times; \tau_{0} C : (\Gamma, \times; \tau_{0} D \to \delta_{\tau}) \sim F^{\delta_{\tau}}} \quad \text{where } 8 <: 80$$

$$\Gamma'+C:(\Gamma P E^{\delta} \tau) \longrightarrow E^{\delta o} \Gamma'-e_{1}:E^{\delta'} \tau' \Gamma'+e_{2}:E^{\delta 2'} \Gamma'+if Ce_{1}e_{2}:(\Gamma P E^{\delta} \tau) \longrightarrow E^{\delta o \Lambda \delta 1 \Lambda \delta r} \tau'$$

$$\Gamma'$$
 + eo: E^{s} bool Γ' + C : $(\Gamma P E^{s} \tau) \sim E^{s'}$ Γ' + e2: E^{s2} Γ'

$$\Gamma'$$
 + if eo C e2: $(\Gamma P E^{s} \tau) \sim E$ $\delta_{o} \wedge \delta_{i} \wedge \delta_{i}$

$$\Gamma' + C: (\Gamma_P E^S \tau) \dots \rightarrow E^{S^0}(\tau_1 \rightarrow E^{S^1} \tau_2) \quad \Gamma' + e: E^{S^1}_{\tau_1}$$

$$\Gamma' + Ce: (\Gamma_P E^S \tau) \dots \rightarrow E^{S_0 \wedge S_1 \wedge S_2} \quad \tau_2$$

$\Gamma' \vdash e : E^{so}(\tau_1 \rightarrow E^{s_2}) \quad \Gamma' \vdash C : (\Gamma D E^{s_2}) \longrightarrow E^{s_1}\tau_1$ $\Gamma' \vdash e C : (\Gamma D E^{s_2}) \longrightarrow E^{s_1} \wedge S_2$ τ_2

$$\Gamma' + C: (\Gamma \cap E^{\delta}\tau_{i}) \mapsto E^{\delta^{2}} \Gamma + C_{i}: (\Gamma \cap E^{\delta}\tau_{i}) \mapsto E^{\delta^{2}}\tau_{i}$$

$$\Gamma' + C[C_{i}[\Gamma]]: (\Gamma \cap E^{\delta}\tau_{i}) \mapsto E^{\delta^{2}}\tau_{i}$$

$$S \leftarrow \delta \in \delta$$
where $\delta \in \delta \in \delta$

P' - Cle]: T

P'FC'[v]": T