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Definition [ \1.b. + By-equality]
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The appear to if derivable from the following set of axioms.

$$\frac{\Gamma + e_{1} \approx_{1} e'_{1} : \tau \rightarrow \tau' \quad \Gamma + e_{2} \approx_{1} e'_{2} : \tau}{\Gamma + e_{1} e_{2} \approx_{1} e'_{2} : \tau'} \qquad (cong-opp)$$