$\iff \forall x (\neg x \in [0,1] \lor ((f(x) - g(x)) \ge 0 \land (g(x) - f(x)) \ge 0))$

 $\iff \forall x ((\neg x \in [0, 1] \lor (f(x) - g(x)) \ge 0) \land$

 $(\neg x \in [0, 1] \lor (g(x) - f(x)) \ge 0))$

(蕴涵等值式)

(命题逻辑分配律)