

antecedent-surjection_functionality_wrt_iff^{11,40}

$\forall es:\mathbb{E}\mathbb{S}, P_1, P_2, Q_1, Q_2:(\mathbb{E} \rightarrow \mathbb{P}), f:(\{e:\mathbb{E} \mid P_1(e)\} \rightarrow \{e:\mathbb{E} \mid Q_1(e)\})$.
 $(\forall e:\mathbb{E}. (P_1(e) \iff P_2(e)))$
 $\Rightarrow (\forall e:\mathbb{E}. (Q_1(e) \iff Q_2(e)))$
 $\Rightarrow (Q_1 \leftarrow\leftarrow f \dashv\vdash P_1 \iff Q_2 \leftarrow\leftarrow f \dashv\vdash P_2)$