

weak-antecedent-surjection_functionality_wrt_pred_equiv^{11,40}

$\forall es:ES, P_1, P_2, Q_1, Q_2:(E \rightarrow \mathbb{P}), f:(\{e:E \mid P_1(e)\} \rightarrow \{e:E \mid Q_1(e)\})$.

$P_1 \iff P_2 \Rightarrow Q_1 \iff Q_2 \Rightarrow (Q_1 \leftarrow \leftarrow = f == P_1 \iff Q_2 \leftarrow \leftarrow = f == P_2)$