FixFunMinResBack
$$(f \ _{Pos_{\mathcal{U}}} g)(x^*, z) = z \in (f \ _{Pos_{\mathcal{U}}} g)^*(x)$$
$$= z \in [f \ _{Pos_{\mathcal{U}}} g)^*(x)$$

$$=z\in\bigcup_{g^{\star}(s)}g^{\star}(s)$$

- $=z\in \bigcup g^*(y).$ $y \in f^*(x)$