FixFunMinResBack
$$(f \, \, \, \, \, _{\mathbf{Pos}_{\mathcal{U}}} \, g)^{\star}(x^{*}, z) = z \in (f \, \, \, \, _{\mathbf{Pos}_{\mathcal{U}}} \, g)^{\star}(x)$$
$$= z \in \left[\int g^{\star}(y). \right]$$

 $y \in f^*(x)$