**Lemma.** Let  $f: \mathbf{P} \times \mathbf{Q} \to \mathbf{Q}$  be Scott continuous. For each  $x \in \mathbf{P}$ , define  $f_x: y \mapsto f(x,y)$ . Then  $f^{\dagger}: x \mapsto \mathrm{lfp}(f_x)$  is Scott continuous.