**Definition.** A *least fixed point* of  $f : \mathbf{P} \to \mathbf{P}$  is the minimum (if it exists) of the set of fixed points of f:

 $lfp(f) \doteq \min\{x \in \mathbf{P} : f(x) = x\}.$ 

fixed points of 
$$f$$
:

The equality in ?? can be relaxed to "≤".