monot_shift[13,42]

$\forall A$, B:Type, R:$(A \rightarrow A \rightarrow \mathbb{P})$, S:$(B \rightarrow B \rightarrow \mathbb{P})$, opa:$(A \rightarrow A)$, opb:$(B \rightarrow B)$, f:$(A \rightarrow B)$.
fun_thru_1op$(A;B;opa;opb;f)$
$\Rightarrow$ RelsIso$(A;B;x,y.R(x,y);x,y.S(x,y);f)$
$\Rightarrow$ monot$(B;x,y.S(x,y);opb)$
$\Rightarrow$ monot$(A;x,y.R(x,y);opa)$