rel_plus_monotone[11,40]

$\forall T$:Type, R_1,R_2:$(T{\to}T{\to}\mathrm{prop}\{i:l\})$.
rel_implies$(T;\ R_1;\ R_2) \Rightarrow$ rel_implies$(T;$ rel_plus$(T;\ R_1);$ rel_plus$(T;\ R_2))$