

subtype-fpf3^{0,22}

$\forall A_1, A_2:\text{Type}, B_1:(A_1 \rightarrow \text{Type}), B_2:(A_2 \rightarrow \text{Type}).$

$\text{strong-subtype}(A_1;A_2) \Rightarrow (\forall a:A_1. B_1(a) \subseteq \rho B_2(a)) \Rightarrow a:A_1 \text{ fp} \rightarrow B_1(a) \subseteq \rho a:A_2 \text{ fp} \rightarrow B_2(a)$