subtype-fpf3[11,40]

$\forall A_1,A_2$:Type, B_1:($A_1 \rightarrow$Type), B_2:($A_2 \rightarrow$Type).
strong-subtype(A_1; A_2)
$\Rightarrow$ ($\forall a$:A_1. subtype_rel($B_1(a)$; $B_2(a)$))
$\Rightarrow$ subtype_rel(fpf(A_1; $a.B_1(a)$); fpf(A_2; $a.B_2(a)$))

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http://www.nuprl.org/FDLcontent/p0_963683_/p42_162820_{subtype-fpf3}.html