fpf-sub-val2^{0,22}

$\forall A,\ A'$:Type.
strong-subtype(A;A')
$\Rightarrow$ ($\forall B$:($A\rightarrow$Type), eq:EqDecider(A'), f, g:a:A fp$\rightarrow$ $B(a)$, x:A', P, Q:(a:$A\rightarrow B(a)\rightarrow$Prop).
($\forall x$:A, z:$B(x)$. $P(x,z) \Rightarrow Q(x,z)$)
$\Rightarrow g \subseteq f$
$\Rightarrow (z$!= $f(x) \Rightarrow P(x,z))$
$\Rightarrow (z$!= $g(x) \Rightarrow Q(x,z)))$

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p14_157373_{fpf-sub-val2}.html