q-rel[11,40]

q-rel(r; x) $\equiv_{\text{def}}$ if ($r =_0 0$) then $0 = x$ if ($r =_0 1$) then qle(0; x) else qless(0; x) fi

clarification:

q-rel(r; x)
$\equiv_{\text{def}}$ if ($r =_0 0$) then $0 = x \in$ rationals if ($r =_0 1$) then qle(0; x) else qless(0; x) fi

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http://www.nuprl.org/FDLcontent/p0_963683_/p82_581097_{q-rel}.html