eq_bd^{0,22}

$p = q$
$\equiv_{\text{def}}$ 1of(p)=$_2$1of(q)
$\quad\wedge_2$ if 1of(p)=$_2$1 $\vee_2$ 1of(p)=$_2$2 $\vee_2$ 1of(p)=$_2$6 $\vee_2$ 1of(p)=$_2$9$\rightarrow$ 2of$(p) = $2of$(q)$
$\qquad$; 1of(p)=$_2$3$\rightarrow$ 1of(2of(p)) = 1of(2of(q)) $\wedge_2$ 2of(2of(p)) = 2of(2of(q))
$\qquad$; 1of(p)=$_2$4$\rightarrow$ 1of(2of(p)) = 1of(2of(q)) $\wedge_2$ 2of(2of(p)) = 2of(2of(q))
$\qquad$; 1of(p)=$_2$5$\rightarrow$ 1of(2of(p)) = 1of(2of(q)) $\wedge_2$ 2of(2of(p)) = 2of(2of(q))
$\qquad$; 1of(p)=$_2$7 $\vee_2$ 1of(p)=$_2$8$\rightarrow$ 2of$(p) = $2of$(q)$
$\qquad$else true$_2$ fi