Meth8\VŁ4 on zero and one in fractions

LET: ~ Not; & And; \ Not And; + Or; - Not Or; = Equivalent; > Imply;
(r-r) zero value; (r\r) one value.

The designated proof value is T for tautology; F as contradiction. Proof tables of 16-values are row major, horizontally

((p=(r-r))&(q=(r\r)))>((r\ r)= q) ; TTTT TTTT TTTT TTTT; 1\1=1 (1.1)
((p=(r-r))&(q=(r\r)))>((q\ p)=~(p+ q)) ; TTTT TTTT TTTT TTTT ; 1\0=~(0+1); undefined (1.2)
((p=(r-r))&(q=(r\r)))>((p\ q)=~(p+ q)) ; TTTT TTTT TTTT TTTT ; 0\1=~(0+1); undefined (1.3)
((p=(r-r))&(q=(r\r)))>((p\ p)=~(p+ q)) ; TTTT TTTT TTTT TTTT; 0\0=~(0+1); undefined (1.4)

The test of 0\0 = 1 is:

((p=(r-r))&(q=(r\r)))>((p\p)= q) ; TTTF FTTT TTTF FTTT ; 0\0=~(1) ; not tautologous (1.4.1)

A recent advance is that Meth8/VŁ4 finds 0\1 to be undefined, instead of 0.

What follows is that zero is *not* a natural number as commonly used.