Proof of Theorem 19b

The theorem to be proved is

$0 - 0 = 0$

Suppose the theorem does not hold. Then, with the variables held fixed,

(H) $[[\neg\ (0 - 0) = (0)]]$

Special cases of the hypothesis and previous results:

0: $\neg\ 0 - 0 = 0$ from H

1: $0 - 0 = 0$ from 17;0

Inferences:

2: QEA by

0: $\neg\ 0 - 0 = 0$

1: $0 - 0 = 0$