Proof of Theorem 70b

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   <u>19</u>;0

Inferences:

2:   QEA by
    0: $\neg\, 0 - 0 = 0$
    1: $0 - 0 = 0$