Proof of Theorem 20b

The theorem to be proved is

$S0 - 0 = S0$

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

(H) $[[\neg ((S0) - 0) = (S0)]]$

Special cases of the hypothesis and previous results:

0: $\neg (S0) - 0 = S0$ from H

1: $(S0) - 0 = S0$ from 17;S0

Inferences:

2: QEA by

0: $\neg (S0) - 0 = S0$

1: $(S0) - 0 = S0$