Inference at $*$ 1
 of proof for Lemma bool_sim_false:

1. $b : \mathbb{B}$
2. $b = \mathrm{ff}$
$\vdash b \sim \mathrm{ff}$
  by ((MemCD)
  CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n
    )) (first_tok :t) inil_term)))·

    .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_86850_{bool_sim_false}1.html