

Hysteresis_correctness: THEOREM

FORALL XIN1, XIN2, EPS, Q:

HYSTERESIS_st_impl(XIN1, XIN2, EPS, Q) **IMPLIES**

HYSTERESIS_tab_req(XIN1, XIN2, EPS, Q)

Hysteresis_consistency: THEOREM

FORALL XIN1, XIN2, EPS:

EXISTS Q:

HYSTERESIS_st_impl(XIN1, XIN2, EPS, Q)