

Resolution*(CNF(Ax U {~C})) is refutation complete

Def'n of refutation completeness

Resolution*(CNF(Ax U {~C})) is the root of the failure tree

if S has a failure tree, then Resolution*(S) will produce FALSE

CNF(Ax U {~C}) has a failure tree

if S is HUNS, then S has a failure tree

CNF(Ax U {~C}) is HUNS