Procedure negation(n)

parameters: global dag D

input: a node n representing F in D

output: a node representing ¬F in (modified) D

begin

clear (n)

F := ¬F

F := simplify(F)

p := max\_variable (F)

if F = ⊥ then return (0)

n1 := obdd(F⊥p )

n2 := obdd(FTp )

return integrate (n1,p,n2,D)

end

Procedure clear(n)

parameters: global dag D

input: a root node n with formula F it represents extended in OBDD

output: a root node n with formula F it represents unextended

begin

if n has no outgoing edges && n has 1 incoming edge then delete n

return CLEAR

p := max\_variable (F)

delete edge when F⊥p

delete edge when FTp

return CLEAR

end