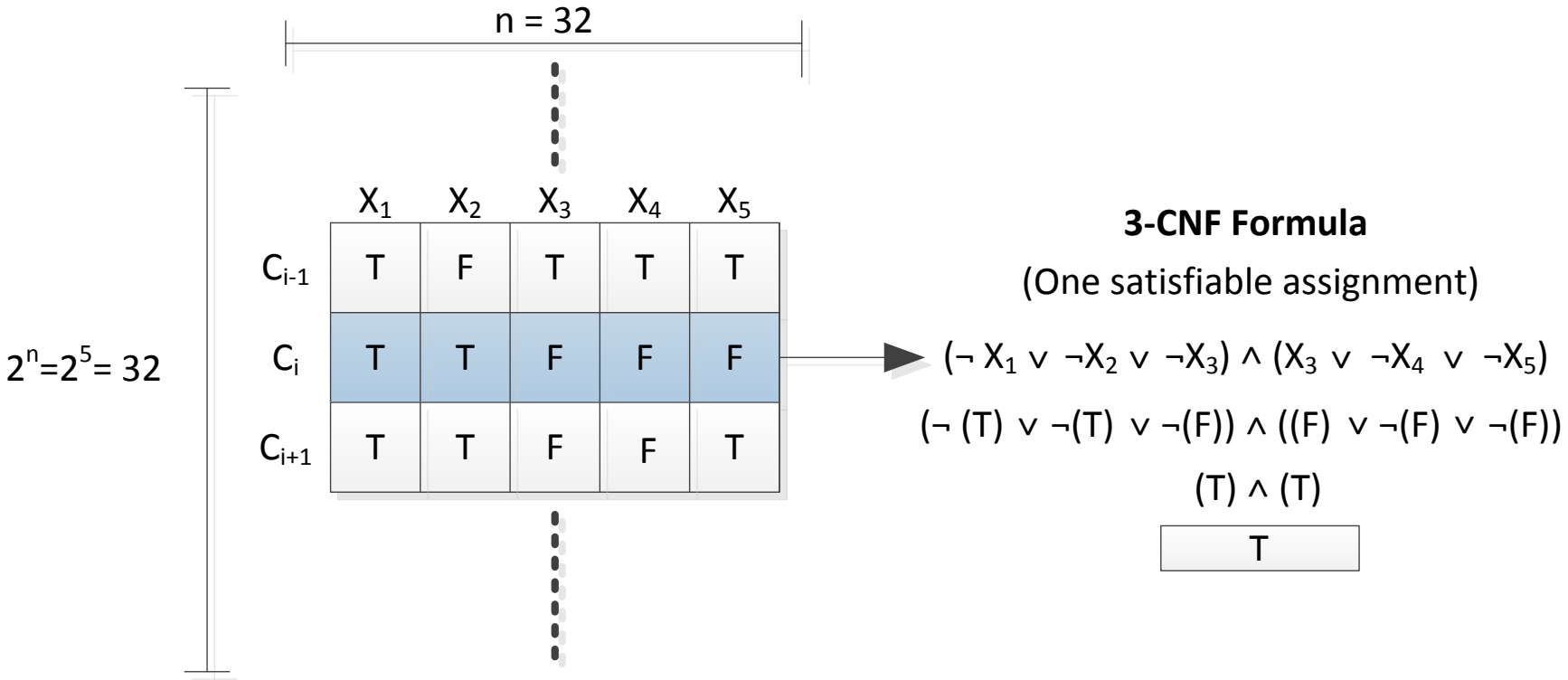
n = 32
$2^n=2^5= 32$
X_1 X_2 X_3 X_4 X_5
C_{i-1} T F T T T
C_i T T F F F
C_{i+1} T T F F T
3-CNF Formula
(One satisfiable assignment)
$(\neg X_1 \vee \neg X_2 \vee \neg X_3) \wedge (X_3 \vee \neg X_4 \vee \neg X_5)$
$(\neg (T) \vee \neg(T) \vee \neg(F)) \wedge ((F) \vee \neg(F) \vee \neg(F))$
$(T) \wedge (T)$
T