

	Propositions: A Statement that is true false
0	Let p, q be propositions The proposition p1q is defined by the following toth table: F T F F F F F F F F F F F F F
0	Let p, q be prop. eva by the following T.T.: P a pva T T T T F T F F F F F F
0	Let p be a prop. We define of p is defined by: if a prop is true than its negation is false negation
0	Let p, q be prop $p \rightarrow q$ $ \begin{array}{c cccc} \hline T & T \\ \hline T & F \\ \hline F & T \end{array} $
	Cet par be prop. Par qur p
(8) (9) (9)	

	Disjunctive Normal Form (DNF)
	$P_{i} \equiv (\rho \wedge q \Lambda r) \nabla$
	$(p \wedge q \wedge \neg r) \vee$
	(pr(7q)r)v (true (pr(7q)r)v (statements
	(p1 (7q) 1(7r))V
	((7p) \(1q) \(1r))
	(CC) (A
	Conjuctive Normal Form (CNF)
	$P_{1} = (p_{V}(\neg q)[V](\neg r)) \wedge$
	Ine ? (pvqv(7r))
	(prq v (7r) 1
	Papralence
1	
	T -
	F
	$p = \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2}\right) \left(\frac{1}{2}\right) \left(\frac{1}{2}\right) \right) \left(\frac{1}{2}\right) = \frac{1}{2} \left(\frac{1}{2}\right) \left(1$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	F T T T T T T T T T T T T T T T T T T T
	Ps=(-q) -> (-p)
	$\rho q = \rho \rightarrow q$
	F T T F