Engr 123

Intro
We are on the wiki

Old us New

https://ecs.victoria.ac.nz/courses/
ENGR123-201512



Logit symbols

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And		22	
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Nof			

Touth tables

		PAQ	pro	7P
P	Q	Pago	PorQ	P

Pxon Q

Bilonditional

PCO		= Proad		
P	Q	PHQ	7 (Px020)	
	0			

## De Morgans

$$7(P_NQ) = 7PV7Q$$
  
 $7(P_NQ) = 7PN7Q$ 

## Associativity

$$(P \cap Q) \cap R = P \cap (Q \cap R)$$
  
 $(P \cup Q) \cup R = P \cup (Q \cup R)$ 

## Distribution

$$P_{N}(Q_{N}R) = (P_{N}Q)_{N}(P_{N}R)$$
  
 $P_{N}(Q_{N}R) = (P_{N}Q)_{N}(P_{N}R)$ 

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