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Subject : Formal method

Assignment: 02

Question Not

P	2	- P	12	-2→-P	P->2	(P-92)+>(-P-92)
T	T	F	F	T	T	Т
_	E	F	T	F	F	T
F	T	1	E	1 -	T	T
-	F	1	T	Т.	T	T

#### · (P=>2)=(r=>2)

P	2	Y	Perg	1 -32	(Pag) (1+19)
T	T	T	T	T	T
T	T	F	T	E	E
T	F	TE	E	F	1 }

Г	T	1	1 -	
	1	1	F	TANK F'.
t	T	F	1	FT
F	F	T		F
-	-	1	T	
+	F	F	T	The mat

# · Peg = (Pn-q) v (-Png)

P	2	-9	PANE	~P	2APP	(Pn-2)v(-pn2)	P#9
T	T	F	-	F	F	F	F
T	F	T	T	F	T	T	T
F	T	F	F	-	F	F	T
F	F	T	F	T	F	F	F

## · Pog = [1Pn-2) v-P) n[(Pn-2) v2)

P	9	-2	Pn-2	20	2 N-P	(Pn-9) v-p	(pn-2)v2	PE 2
T	-	F	F	F	F	F	T	F
T	F	1	+	F	T	Т	T	T
F	T	F	F	7	F	T	T	
	F	T	F	T .	F	T	F	F

### · P = (Pv2) n - (PA2)

P	9	Pvq	PA9	-(Png)	(Pv2) n ~ (Pn2)	P @ 2
T	T	T	T	F	F	E
T	F	T	F	T	T	T
F	Т	T	F	T	T	T
	F	F	F	T	F	F

#### · P@9 = (Pv9) n (-PV-P)

P	2	Pve	-6	29	-PV-9	(brd) v (brd)	P09
T	T	T	F	F	T	T	F
		T				T	T
				- 1	Ť	Т	T
	_	TF			T	F	F