Konzultace MAT 1

P+ 0 - atomielé formule (y ro lové)
Lp - jarys y . logé sy, Lp = PU {7, >, (,)}

Ofr. formull

1) AEP je foreale

2) A foreule, pas (7A) foreall

3) A,B for, par (A->B) formak

4) mie jene ho.

Pravdi vor sui ahoduodui

v: P-> {0,1}

TO (A) = TO (A), AEP

 $\bar{\mathcal{N}}(\neg A) = \begin{cases} 1 & \bar{\mathcal{V}}(A) = 0 \\ 0 & \bar{\mathcal{V}}(A) \end{cases}$

 $\overline{b}[A-7B] = \begin{cases} 0 & \overline{b}(A) = 1 \text{ a } \overline{b}(B) = 0 \\ 1 & \text{pined} \end{cases}$

A pravolíra par obcoluciem v, v (A) = 1

A pravoliva (tautologie), to(A)=1 pro lib. to.

Bill
Polurite, re $(P \rightarrow g) \rightarrow ((g \rightarrow r) \rightarrow (P \rightarrow r))$ De toutologie.

P	9	V	P->9/	9->2	P-77	(g->1)->(p->r)		
1111 0000	11001100	10101010	1 1 0 0 1 1 1 1 1	10111011	1 0 1 0 1 1 1 1 1 1 1	1 1 1 0 1 1 1 1		1 1 1 1 1 1 1 1 1 1	
	1)	1	1	1	1		1		

P3 2) P: {0,1}2 -> {0,1} fundel

P	19	f(P,9)	
1 0 0	1 0 1	0 0 0 0 1	Y = ?

Pr

Pr Mojolite A follovou, ri

PrA~Prg PrA~Prr

A obsahuje produ founde P, 4, 2.

0 0 0 0 0 0 0	
	A = (-PATGAT)V (-PAGAV)V (PAGATT)V (PAGAV) ~ (-PAT)V(PAG)

nelo

$$v(p)=0 \implies v(A)=v(Q)$$

$$v(p)=0 \implies v(A)=v(A)$$

$$v(P)=0 \implies v(A)=v(A)$$

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axiony

MP (providlo collocice m')

$$\frac{A}{A \rightarrow B}$$

Dakaz formule A

$$A_{1}$$
 - A_{1} , $A_{n} = A$

Déleaz 2 pied pobladis T

$$P + 7A \rightarrow (7B \rightarrow 7A) \quad (A1)$$

$$\vdash 7A \rightarrow (A \rightarrow B)$$
 (VD)

$$77A + A$$
 (VD)