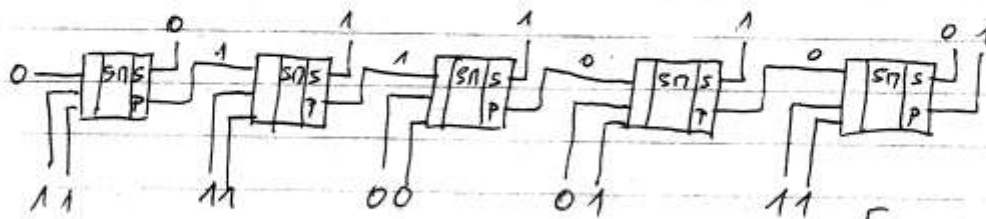


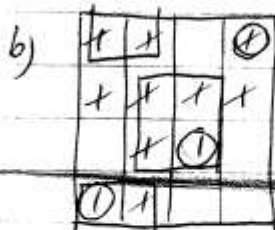
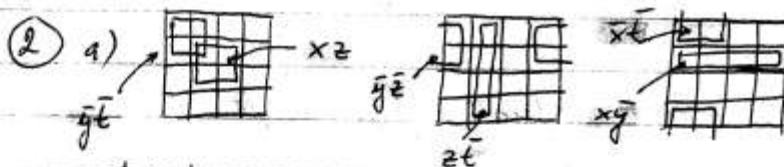
2.12.2010

① $19 = 16 + 2 + 1 = [10011]_2$
 $27 = 16 + 8 + 2 + 1 = [11011]_2$



$\Rightarrow 19 + 27 = [101110]_2 = 46$ ✓
 32 8 4 2

[nemusíme robiť skúšku, ale výsledok by mohol byť zreteľne napísaný.]



len tie tri 1 sú pokryté iba raz $\Rightarrow$
 $\Rightarrow \text{jadro}(f) = xz + \bar{x}\bar{z} + y\bar{z}$

c) $\bar{y}\bar{z}$ existuje iba 1 MNDF(f), a to $xz + \bar{x}\bar{z} + y\bar{z}$.

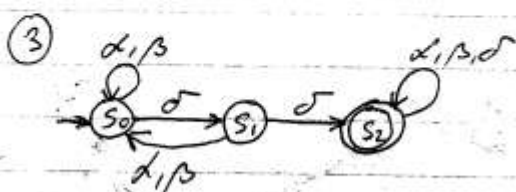
d) KN pr $\bar{f}$:

$\text{MNDF}_1(\bar{f}) = xy\bar{z} + \bar{x}z\bar{t} + \bar{x}y\bar{t}$
 $\text{MNDF}_2(\bar{f}) = xy\bar{z} + \bar{x}z\bar{t} + y\bar{z}\bar{t}$

$\Rightarrow$ môžeme dostať dve rôzne MNKF(f), a síce

$\text{MNKF}_1(f) = (\bar{x} + \bar{y} + z)(x + \bar{z} + \bar{t})(x + \bar{y} + \bar{t})$

$\text{MNKF}_2(f) = (\bar{x} + \bar{y} + z)(x + \bar{z} + \bar{t})(\bar{y} + z + \bar{t})$ (stačí jedna).



(môžete písať $S_0/0$, $S_2/1$)

A	δ-fcn			q
	α	β	γ	
S ₀	S ₀	S ₀	S ₁	0
S ₁	S ₀	S ₀	S ₂	0
S ₂	S ₂	S ₂	S ₂	1