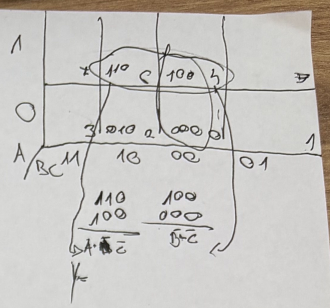
Feladat

I	A	B	C	Y
0	0	0	0	0
1	0	0	1	0
2	0	1	0	0
3	0	1	1	1
4	1	0	0	0
5	1	0	1	1
6	1	1	0	1
7	1	1	1	1

→ $\bar{A}BC$
→ $A\bar{B}C$
→ $AB\bar{C}$
→ ABC



$Y = \bar{A}BC + A\bar{B}C + AB\bar{C} + ABC$

$Y_{minDISZJ} = AB + BC + AC$

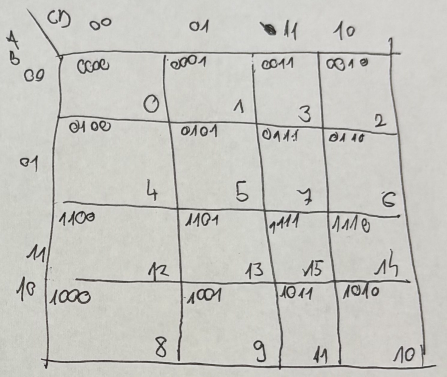
DISZJUNKTIV

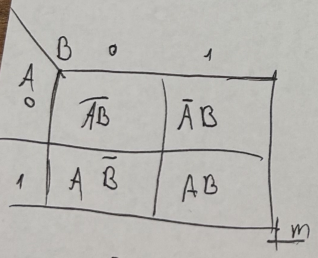
$Y = (\bar{A}+B+C)(A+\bar{B}+C)(A+B+\bar{C})(A+B+C)$

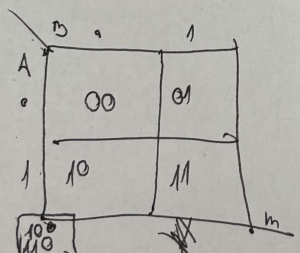
Egyszerűsített: $Y_{min.konj.} = (A+B)(A+C)(B+C)$

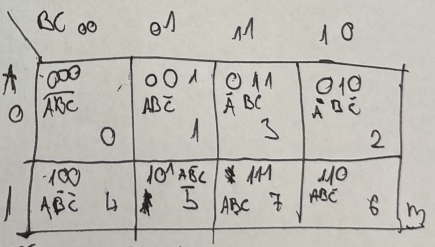
Összegzés / Minterm: szumma $\sum$

Szorzás / Maxterm: produktum $\prod$



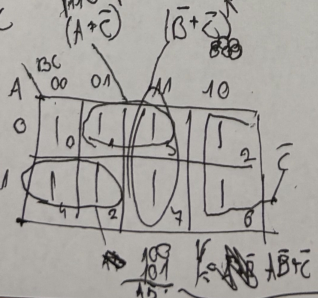


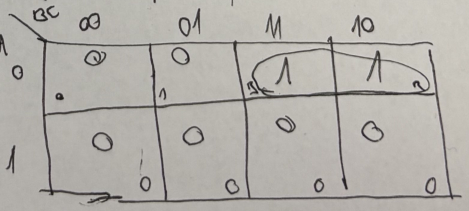




$Y = \bar{A}B\bar{C} + \bar{A}BC$

$Y = \sum^3(2,3)$





$Y = \sum^3(0,2,4,5,6)$

ABC
011
010
AB