

בוסנים + תמרה 2012

BCD

4
 ספרות = ספרות
 בסיס

gray

תמרה מניארי
 לספרות

gray ← מניארי

$(\overset{1}{0}\overset{0}{0}\overset{1}{1}\overset{1}{0})_{gray}$
 $(\overset{1}{1}\overset{1}{1}\overset{0}{0}\overset{1}{0}\overset{0}{0})_2$

מניארי ← לספרות

$(\overset{1}{1}\overset{1}{1}\overset{0}{0}\overset{1}{0}\overset{0}{0})_2$
 $(\overset{1}{1}\overset{0}{0}\overset{1}{0}\overset{1}{0})_{gray}$

Ex-3

DEX-N

1. תמרה DEX
2. נוסף 3- לספרות
3. אחר כך ממירים בסיס אחר

$(\overset{1}{8}\overset{9}{9})_{10}$
 $\downarrow \downarrow$
 $\downarrow \downarrow$
 $1001 \quad 1100$
 $(10111100)_{Ex-3}$

סודנים + המרה 2018
r-ס'ס

המרה

10

$$\begin{array}{r} -FB63 \rightarrow M \\ E98100 \rightarrow N \end{array}$$

$$\begin{array}{r} 0 \quad 15 \quad 15 \quad 15 \quad 16 \\ 1 \quad 0 \quad 0 \quad 0 \quad 0 \\ E \quad 9 \quad 8 \quad 1 \\ N \rightarrow 1 \quad 6 \quad 7 \quad F \end{array}$$

$$\begin{array}{r} 1 \quad 1 \quad 1 \\ M \quad F \quad B \quad 6 \quad 3 \\ N \quad 1 \quad 6 \quad 7 \quad F \\ 1 \quad 1 \quad 1 \quad E \quad 2 \\ 173 \end{array}$$

$$\boxed{11E2}$$

המרה
ס'ס
המרה

$$\begin{array}{r} M \quad 7 \quad 4 \quad 5 \quad 4 \\ N \quad 8 \quad 1 \quad 4 \quad 6 \quad (9) \end{array}$$

$$\begin{array}{r} 0 \quad 9 \quad 9 \quad 9 \quad 9 \\ 1 \quad 0 \quad 0 \quad 0 \quad 0 \\ 8 \quad 1 \quad 4 \quad 6 \quad (9) \\ N \quad 0 \quad 7 \quad 4 \quad 3 \end{array}$$

$$\begin{array}{r} 1 \quad 1 \\ M \quad 7 \quad 4 \quad 5 \quad 4 \\ N \quad 0 \quad 7 \quad 4 \quad 3 \\ 8 \quad 3 \quad 0 \quad 7 \end{array}$$

$$\begin{array}{r} 10000 \\ 83070 \\ 0582 \end{array}$$

$$\boxed{-0582}$$

173
ס'ס
המרה

r-1 d'ben

$$\begin{array}{r} M \quad 10101010 \\ N \quad 11011001 \end{array}$$

$$\begin{array}{r} 11111111 \\ 11011001 \\ \hline 00100110 \end{array}$$

$$\begin{array}{r} M \quad 10101010 \\ \bar{N}^+ \quad 00100110 \end{array}$$

$$11010000$$

$$\begin{array}{r} 11111111 \\ 11010000 \end{array}$$

$$00101111$$

כ"מ /lc
p'elrblc
d'ben

$$\begin{array}{r} 6142.5 \\ 4325.3 \end{array}$$

$$\begin{array}{r} 6666.6 \\ 4325.3 \end{array}$$

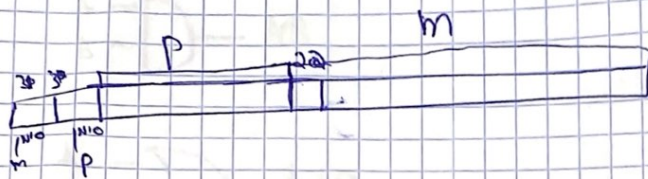
$$2341.3$$

$$\begin{array}{r} 1 \quad 1 \\ + 6142.5 \\ 2341.3 \end{array}$$

$$17784.1$$

$$\begin{array}{r} + \\ \hline 1544.2 \end{array}$$

$$N = \pm m \times 9^{\pm p}$$



$$\begin{array}{c} + \\ - \end{array} \begin{array}{c} 0 \\ 1 \end{array}$$

$$(379)_{10} \rightarrow ()_2$$

$$379 / 2 = 189, 1$$

$$189 / 2 = 94, 1$$

$$94 / 2 = 47, 0$$

$$47 / 2 = 23, 1$$

$$23 / 2 = 11, 1$$

$$11 / 2 = 5, 1$$

$$5 / 2 = 2, 1$$

$$2 / 2 = 1, 0$$

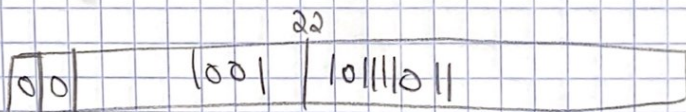
$$1 / 2 = 0, 1$$



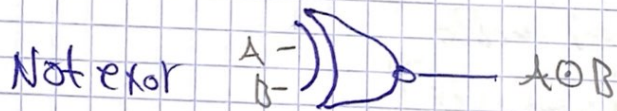
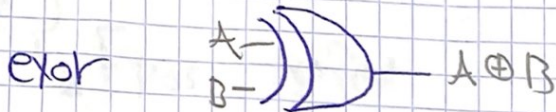
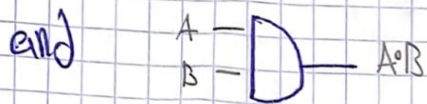
$$(10111011)_2$$

$$0.10111011 \cdot 10^9$$

$$(9)_{10} = (1001)_2$$



பின் பின்



$$A \oplus B = \bar{A}B + A\bar{B}$$

$$A \odot B = \bar{A}\bar{B} + AB$$

~~שאלה 1?~~
 SOP, POS

F_{SOP} אורקל
 \bar{F}_{SOP} פודק
 F_{POS} פועל

3 ורג 66666
 ABC

3 ורג קנוני

$POS \Pi$
 $SOP \Sigma$

פונקציה

Not AND
NAND
 A.B

~~שאלה 1?~~

$$F = \bar{x}\bar{y}z + \bar{z}w + x\bar{y}zw + y\bar{z}w$$

3 ורג 66666

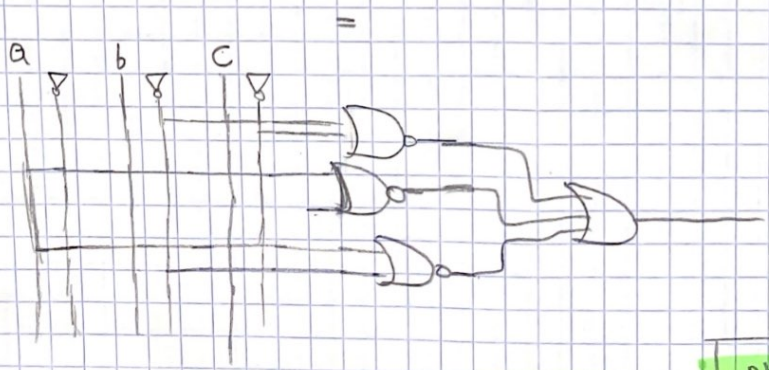
$$F = \bar{x}\bar{y}z + \bar{z}w + x\bar{y}zw + y\bar{z}w$$

Not OR
NOR
 A+B

$$F = bc + \bar{a}\bar{d} + \bar{a}b$$

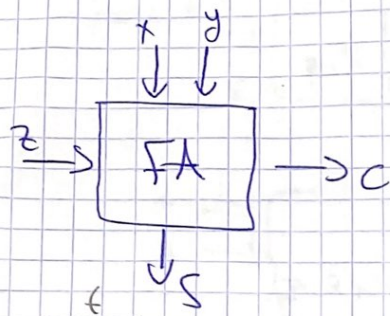
$$\overline{bc + \bar{a}\bar{d} + \bar{a}b}$$

$$\bar{b} + \bar{c} + a + d + a + \bar{b}$$



אורקל / פודק
 פועל

FA HA 1277N



FA 1277N ①

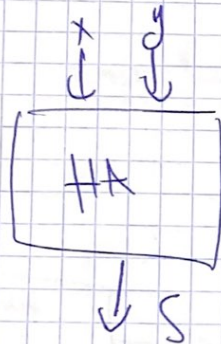
$$S = (x \oplus y) \oplus z$$

$$C = xy + xz + yz$$

$$S = (\bar{x}y + x\bar{y}) \oplus z = \bar{z} \cdot z + z \cdot \bar{z}$$

$$(x + \bar{y})(\bar{x} + y)z + (\bar{x}y\bar{z} + x\bar{y}z)$$

$$= \bar{x}\bar{y} + \bar{x}y\bar{z} + x\bar{y}z + xy$$

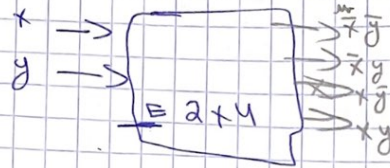


HA 1277N ②

$$S = x \oplus y = \bar{x}y + x\bar{y}$$

$$C = xy$$

Dex נאנאן



227N - M_{4x}

