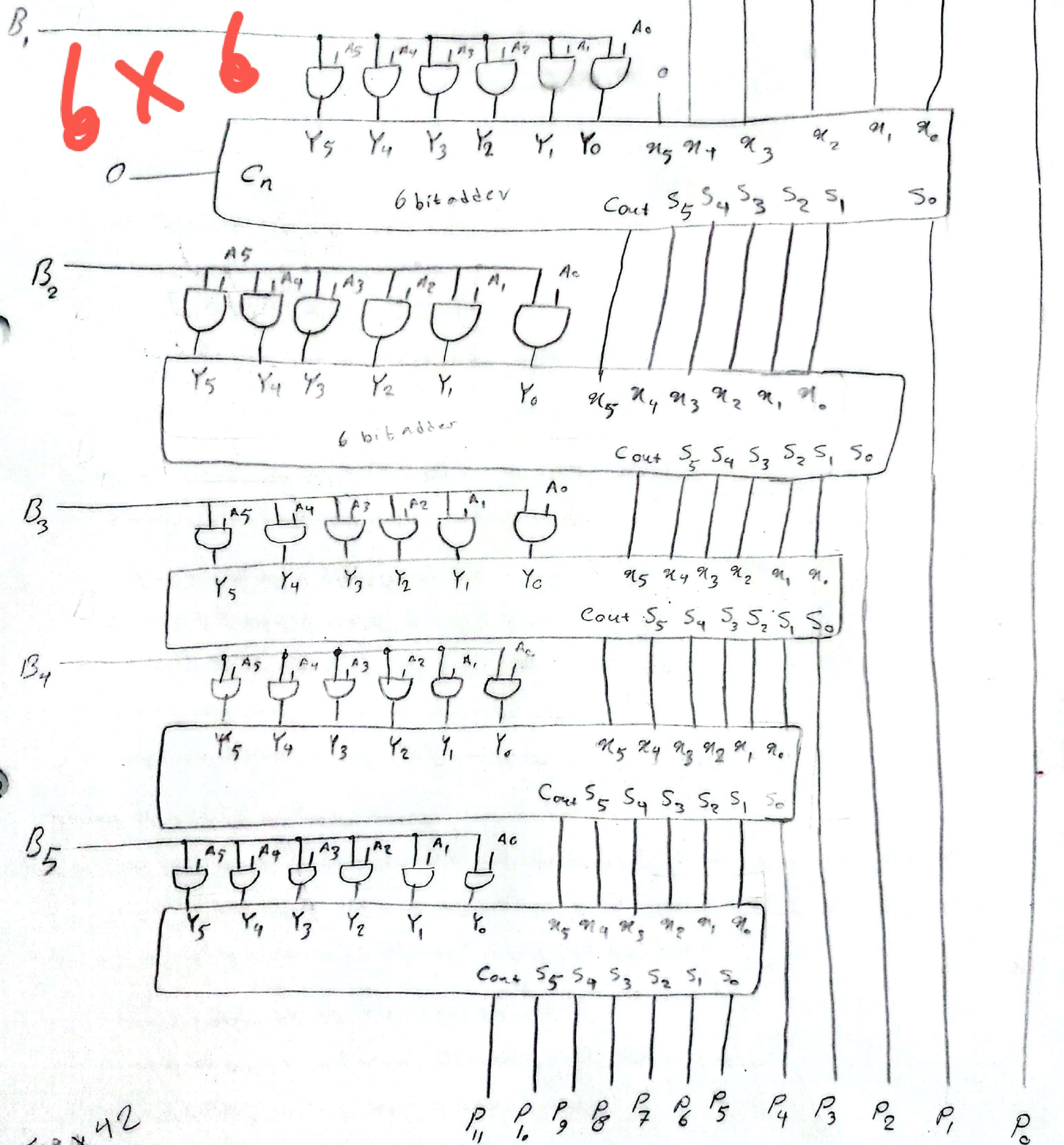


فرب کتہ دیسی

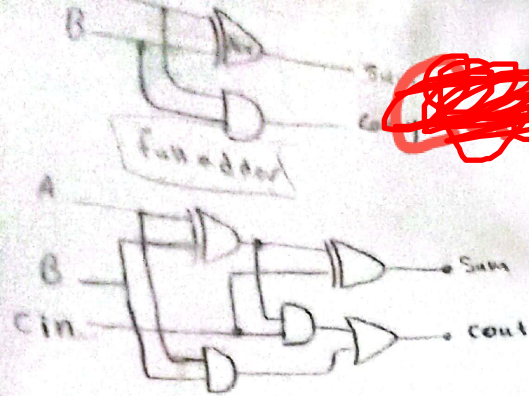


54 x 42

0 1 0 0 1 0

$$11111 = 2^5 + 2^4 + 2^3 + 2^2 + 2^1 + 2^0 = 32 + 16 + 8 + 4 + 2 + 1 = 21 + 5 = 26$$

$$40 + 20 + 3 = 63 + 1$$



Array 6x6

$A_5 A_4 A_3 A_2 A_1 A_0$
 \times
 $B_5 B_4 B_3 B_2 B_1 B_0$
 $A_5 B_0 A_4 B_0 A_3 B_0 A_2 B_0 A_1 B_0 A_0 B_0$

$A_5 B_1 A_4 B_1 A_3 B_1 A_2 B_1 A_1 B_1 A_0 B_1$

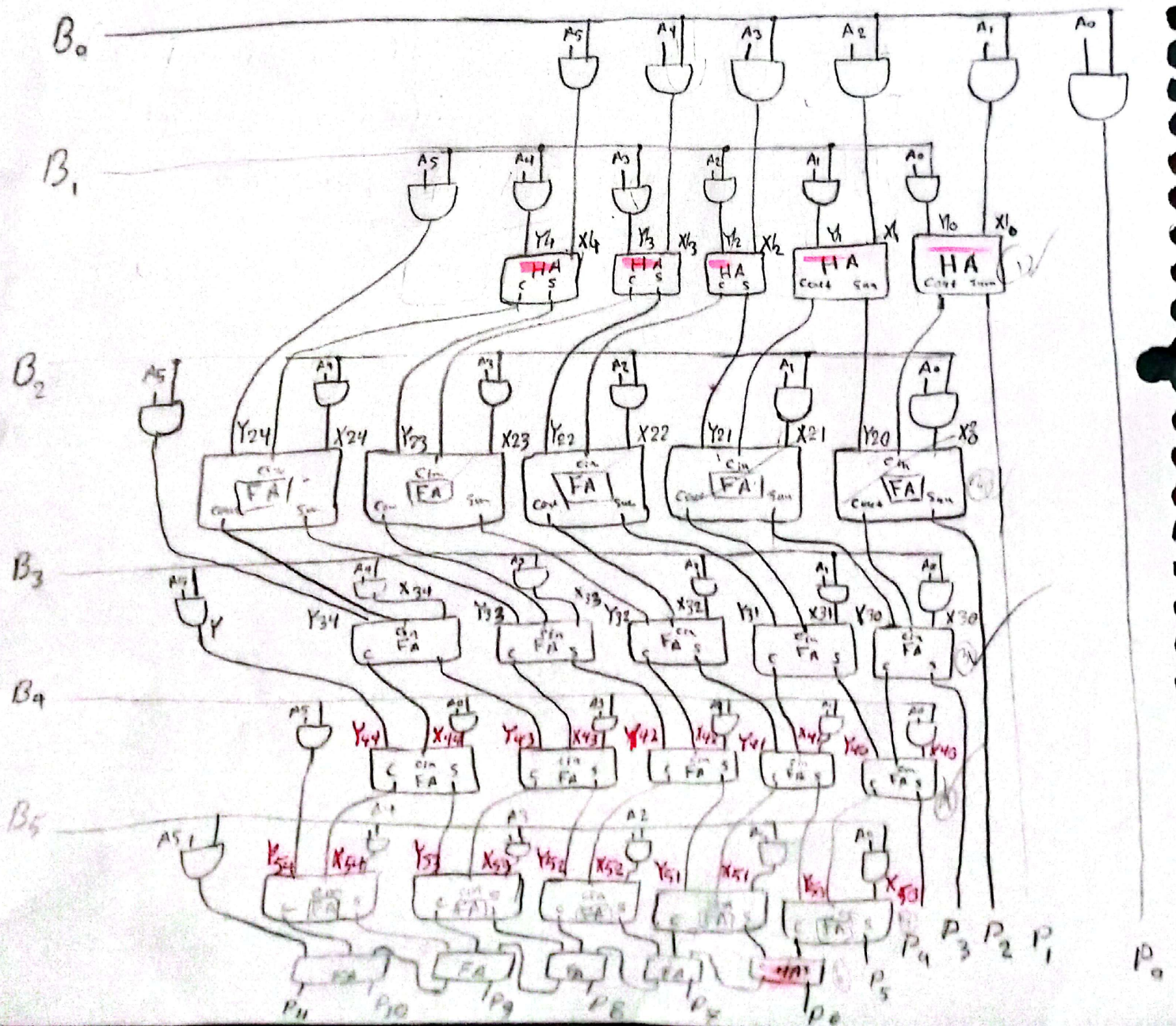
$A_5 B_2 A_4 B_2 A_3 B_2 A_2 B_2 A_1 B_2 A_0 B_2$

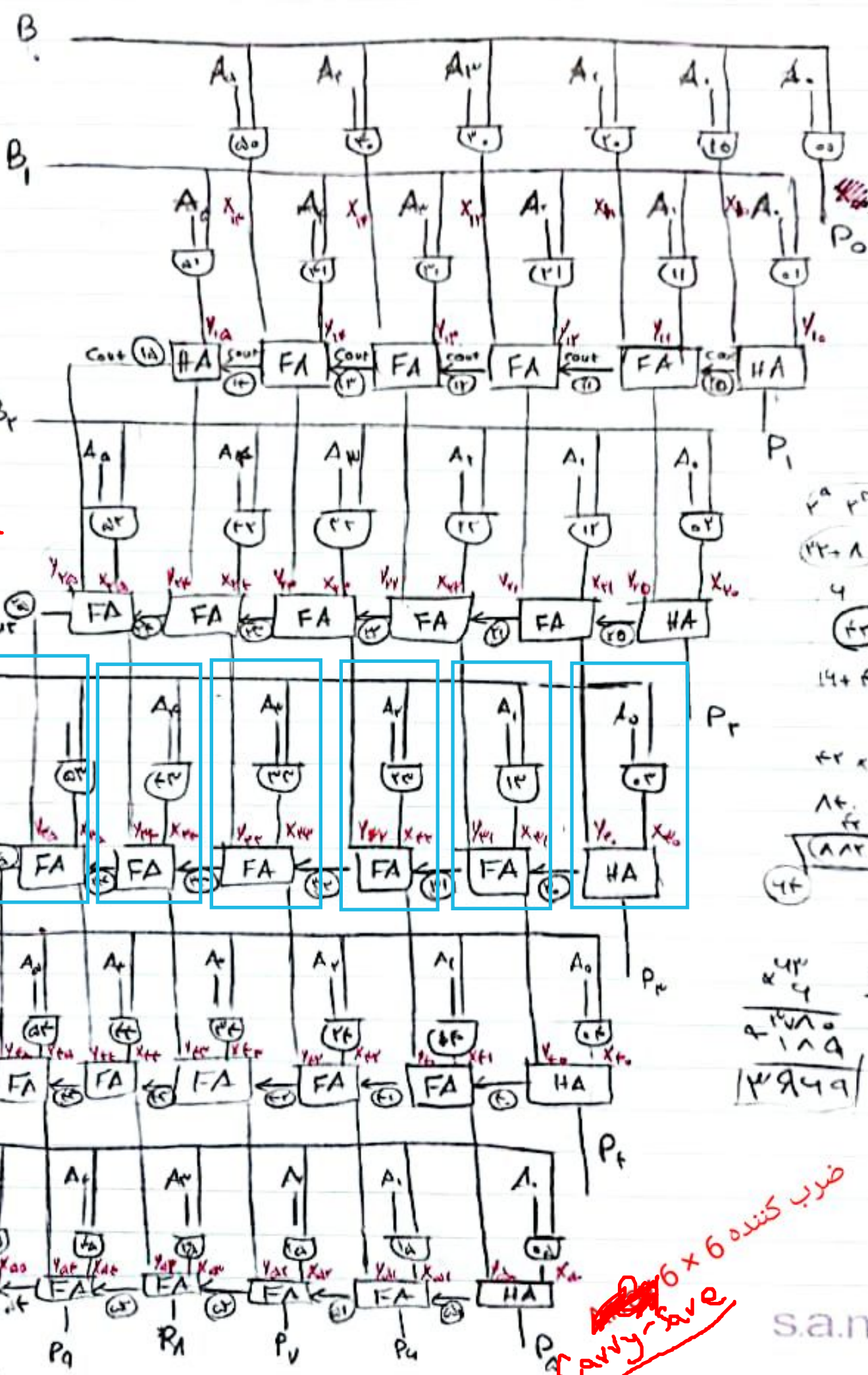
$A_5 B_3 A_4 B_3 A_3 B_3 A_2 B_3 A_1 B_3 A_0 B_3$

$A_5 B_4 A_4 B_4 A_3 B_4 A_2 B_4 A_1 B_4 A_0 B_4$

$Cout A_5 B_5 A_4 B_5 A_3 B_5 A_2 B_5 A_1 B_5 A_0 B_5$

$P_{11} P_{10} P_9 P_8 P_7 P_6 P_5 P_4 P_3 P_2 P_1 P_0$





It is MA

$Y_0 = A_0 \cdot P_0$
 $Y_1 = A_1 \cdot P_1$
 $Y_2 = A_2 \cdot P_2$
 $Y_3 = A_3 \cdot P_3$
 $Y_4 = A_4 \cdot P_4$
 $Y_5 = A_5 \cdot P_5$

$$14 + 6 = 1$$

$$4 \times 11$$

$$14 \times 11$$

$$\frac{14 \times 11}{11 \times 11}$$

$$\frac{14 \times 11}{11 \times 11} = 14$$

ضرب کننده 6x6
 Carry-Save

s.a.m