

1. Efectuati urmatoarele operatii aritmetice in sistem binar considerand operanzii intregi fara semn:

a. $975 + 795$

b. $975 - 795$

c. $338 + 211$

d. $338 - 211$

2. Implementati urmatoarele functii ca Sume de Produse, utilizand numarul minim de porti logice:

a. $f_1 = \sum(0, 2, 5, 6, 8, 10, 13, 15)$

b. $f_2 = \sum(0, 2, 4, 8, 10, 14) + \sum_d(5, 6, 7, 12)$

c. $f_3 = \sum(0, 1, 2, 3, 4, 9) + \sum_d(10, 11, 12, 13, 14, 15)$

d. $f_4 = \prod(0, 2, 3, 4, 8, 10, 11)$