Tema 11

1.
$$P = 1100111011$$
$$V_1 = 1000100101$$
$$V_2 = 0011101101$$
$$V_3 = 1011101101$$

───────────────────── +

cifrul secret = ?

───────────────────── #

$$V_4 = P \oplus V_1 \oplus V_2 \oplus V_3$$

1. $D_1 = P \oplus V_1$

```
1100111011
1000100101
──────────
0100011110
```

2. $D_2 = D_1 \oplus V_2$

```
0100011110
0011101101
──────────
0111110011
```

3. $D_3 = D_2 \oplus V_3$

```
0111110011
1011101101
──────────
1100011110
```

cifrul secret $(V_4) = D_3 = 1100011110$