## 5 eminar 11 - Ouptografie

Tema

 $1 - p = 1100 \cdot 1110 \cdot 11 := S,$   $V_1 = 1000 \cdot 1001 \cdot 01 := S_2$   $V_2 = 0011 \cdot 1011 \cdot 01 := S_3$ 

V3 = 1011.01 := S4

M = 9

Szz SI D VI

 $S_1 = P = R_1$ 

S2 = R1 @ R2

S3 = R2 @ R3

Sy = R3 & M

 $S_1 \oplus S_2 = R_1 \oplus (R_1 \oplus \mathcal{R}_2 R_2) =$ 

 $= (R, \oplus R_1) \oplus R_2 = 0 \oplus R_2$ 

= Rz

 $S_1 \oplus S_2 \oplus S_3 = R_2 \oplus (R_2 \oplus R_3) = (R_2 \oplus R_2) \oplus R_3$ 

= 0 & R3 = R3

$$S_1 \oplus S_2 \oplus S_3 \oplus S_4 = R_3 \oplus (R_3 \oplus M) = M$$
 $\oplus$ 
 $S_1 | 1100.1110.11$ 
 $S_2 | 1000.1001.01$ 
 $S_3 | 0011.1011.01$ 
 $S_4 | 1011.1011.01$ 
 $M | 1400.0111.10$