Toma La

3. Alice utilizeara un criptoristem Merkle-Hellman pe un alphet u 26 de caractere (literele A-Z), unitatile de meraj aveand un caracter. Chia pulelica a lui Alice este sirulté 34,51,58, 11,30}, iar chia sarta este H=(118, m=61). (riptați merajul "NHY" si apoi decriptați-e Solutie: Criptarea: W= 22 ->10110 => 6,=0-34+1.51+1.58+0.11+1.39=148 H=7-000111=36=134+1.51+1.58+0.11+0.39=143 Y = 24 -> 11000 => (3=0.34+0.51+0.58+1.11+1.38=50

Decriptatea: Calcular V= (34.18,51.18,58.18,11.18,30.18) (mod 61) V=(2,3,7,15,31)

 $148 \cdot 18 = 41 \rightarrow (1,0,1,0) = 22 = W$ $143 \cdot 18 = 12 \rightarrow (0,0,1,1,1) = 7 = H$ $50 \cdot 18 = 46 \rightarrow (1,0,0,0) = 24 = Y$