Valachi Emilia, M532 Insferond de cripdonafie foloreste prodocolul Shamir de seret splitting en n=6 qi progul m=3. El alege corpul Z31, 7i communicà urmele: (1,13) (30,9) (2,18) (29,4) (3,25) (28,13)Determinati secretul. $F(x) = a_2 x^2 + a_1 x + H, \quad a_i \in \mathbb{Z}_{31}$ Vous folos: primele 3 umbre: (3 punde sunt suficients (F(1) = 92-1"+91.1+90=13 $\int \mathbf{F}(30) = 9a \cdot 30^{2} + 91^{2} \cdot 30 + 90 = 9$ $(F(a) = 92 \cdot 2^2 + 94 \cdot 2 + 90 = 18$ ablie. 92 + 91 + 90 = 13 (-)

ablie. 92 - 91 + 90 = 9(mod 91) 92 + 291 + 90 = 18 $\begin{cases} 92 + 91 + 90 = 15 \\ 900 + 30 + 90 = 9 \\ 492 + 291 + 90 = 18 \end{cases}$ [A1 = 3 P 281 = 4 => 181 = 2 $\Rightarrow \int 3 q_2 = 3 \Rightarrow \boxed{Q_2 = 1}$ $Q_0 = 10$ $= \begin{cases} a_3 + a_0 = 11 \\ 4a_2 + a_0 = 14 \end{cases} (-)$ $\Rightarrow \begin{cases} a_1 = 2 \\ a_2 = 1 \end{cases} \Rightarrow f(x) = x^2 + 2x + [40]$ $= \begin{cases} a_1 = 2 \\ a_2 = 1 \end{cases} \Rightarrow f(x) = x^2 + 2x + [40]$ => secural este 10.