1341a				
Algoritmi	de vijstane	L bazati	pe Zn	-
Context: Z  A B C  0 1 2	- D		Z' _	.!
0 1 2	_		25 26	27 28
(Z <sub>29</sub> ,+	, ·) corp co	mutativ		
· Cifruri (co	duri) fle	x (stud	um ciphe	<b>、</b> )
= o chere	/ mesaj			
Cifun' 5	loc/pe ble se imp	ruri (6	lock eigh	u)
= mesajul	- se hup	arti in 4	hoemi,	
6 me	400			
$\rightarrow \omega$	padding	= toate l	Isanile	au
	padding	acee	est lungis	re
<b>/1</b>	à paddin			
Caesar	•	c - m	+ K	
Caesar Ec. de U	riptone: C	od = Ne.	paj + Ch	u'e
Ec. de	lecriptane:	Mesaj =	Cod -ch	ue
	ı	<b>b</b> 6	? - K	

Flux: Mesaj: MFSAJ chera: 11 [M,E,S,A,]] - [12,4,18,0,9] + →[23,15,29,11,20] 129 [23,15,0,11,20] ->[x,P,A,L,W] -> XPALU secriptone [x,P,A,L, u] > [23, 15, 0, 11, 20] - 1 [MESA]] Re blocui fana padding: Mesaj: MERF bloc: 3=) MER, E K1=40; KZ=71  $[M, E, R] \rightarrow [12, 4, 17] \xrightarrow{+K} [52, 44, 57] \xrightarrow{2.29}$  $\rightarrow [23,15,28] \rightarrow [\times,P,?]$ [E] > [4]+K2 [75] -> 29 [17] = R XP?R

MERE -> XP? R

Cu palding Mesaj: MERE
Bloc: 6=3 -> MER K1=40,71=K2 ENS [M, E, R] -> XP? [E,N,5] > [4,13,18] +7][75,84,89] 139[17,26,2] -[R,4,C] MERENS -> XP? RUC Atin: Ec-de gradul I Criptone: Cod= Mesaj. K1+K2 Deciptone: Mesaj-(Cod-K2)K1 Hill: Ec. matriceala Criptone: Cod = MC. (\$) Decriptar. (\$) = MC. Cod

Ex: Mesej: Noi 
$$\rightarrow (N) = \binom{13}{14}$$
 $MC: \binom{1-12}{03-1}$ 
 $Criptonea: \binom{1-12}{2-21} \binom{13}{14} = \binom{15}{34} \frac{1}{129}$ 
 $= \binom{15}{6} \rightarrow PFG$ 

Decriptonea

 $\binom{1-12}{2-21} \binom{15}{6} = \binom{13}{8} \binom{19}{3}$ 
 $\binom{15}{2-21} \binom{15}{6} = \binom{13}{8} \binom{19}{3}$ 

Hill afin; Ec-de nijtane: Cod= MC1. (F) + MC2 Denijtanea: (M) = MC, (Cod - MC2)