CA01 … worked out

Plaintext																	
p_i	A	U	B	U	R	N		U	N	I	V	E	R	S	I	T	Y
$d(p_i)$	1	21	2	21	18	14	0	21	14	9	22	5	18	19	9	20	25
Key																	
k_i	W	A	R	E	A	G	L	E	W	A	R	E	A	G	L	E	W
$d(k_i)$	23	1	18	5	1	7	12	5	23	1	18	5	1	7	12	5	23
1) Plaintext shifted by key																	
$d(p_i) + d(k_i)$	24	22	20	26	19	21	12	26	37	10	40	10	19	26	21	25	48
(i-1)th encrypted character																	
e_{i-1}		X	H	1	P	8	R	3	R	Q	0	2	A	T	H	2	P
$d(e_{i-1})$	0	24	8	28	16	35	18	30	18	17	27	29	1	20	8	29	16
2) Plaintext shifted by key shifted by (i-1)th encrypted character																	
$d(pi) + d(ki) + d(e_{i-1})$	24	46	28	54	35	56	30	56	55	27	67	39	20	46	29	54	64
modulo m																	
mod 38	24	8	28	16	35	18	30	18	17	27	29	1	20	8	29	16	26
	X	H	1	P	8	R	3	R	Q	0	2	A	T	H	2	P	Z

Character	Offset
	0
A	1
B	2
C	3
D	4
E	5
F	6
G	7
H	8
I	9
J	10
K	11
L	12
M	13
N	14
O	15
P	16
Q	17
R	18
S	19
T	20
U	21
V	22
W	23
X	24
Y	25
Z	26
0	27
1	28
2	29
3	30
4	31
5	32
6	33
7	34
8	35
9	36
.	37