

Linear Algebra hw#1

- Hill cipher (希爾密碼)

對 照 表																															
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	_	.	,	?	!	
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

- Recommend using python, but other programming language is okay.
 - Make sure that you use your own cipher text and key to do the following questions.
 - Do not need to submit the source code.
 - If you have any problem, contact TA.
1. As a hunter, one day you receive a message from the hunters association(獵人協會), please use your key to decode the message. Write down the plain text.
 2. In a spy task, hunters association intercepted a pair of cipher text and plain text encoded in Hill cipher. Please help the association to find the key and decode the other cipher text which is encoded by the same key.