

**PRAKTIKUM KRIPTOGRAFI**

**UTS**



**Disusun Oleh:**

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**PROGRAM STUDI S-1 TEKNIK INFORMATIKA**

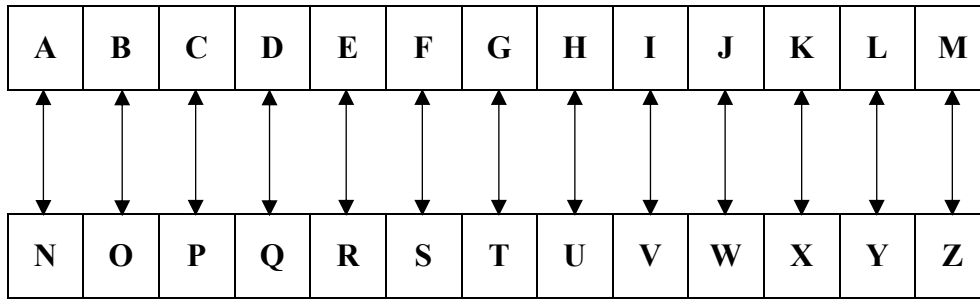
**FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**

**UNIVERSITAS PADJADJARAN**

**JATINANGOR**

**2024**

## ROT 13



Plaintext = AGAKCAPEYAH

A -> N

G -> T

A -> N

K -> X

C -> P

A -> N

P -> C

E -> R

Y -> L

A -> N

H -> U

Hasil enkripsinya → **NTNXPNCRLNU**

Hasil dekripsinya → **AGAKCAPEYAH**

## Autokey Cipher

Plaintext: agakcapeyah

Key: semangat

### Enkripsi

<b>Plaintext</b>	A	G	A	K	C	A	P	E	Y	A	H
<b>Kunci</b>	S	E	M	A	N	G	A	T	A	G	A
<b>Index P</b>	0	6	0	10	2	0	15	4	24	0	7
<b>Index K</b>	18	4	12	0	13	6	0	19	0	6	0
<b>Penjumlahan (P + K)</b>	18	10	12	10	15	6	15	23	24	6	7
<b>Ciphertext</b>	<b>S</b>	<b>K</b>	<b>M</b>	<b>K</b>	<b>P</b>	<b>G</b>	<b>P</b>	<b>X</b>	<b>Y</b>	<b>G</b>	<b>H</b>

### Dekripsi

<b>Ciphertext</b>	S	K	M	K	P	G	P	X	Y	G	H
<b>Kunci</b>	S	E	M	A	N	G	A	T	A	G	A
<b>Index C</b>	18	10	12	10	15	6	15	23	24	6	7
<b>Index K</b>	18	4	12	0	13	6	0	19	0	6	0
<b>Pengurangan (C - K)</b>	0	6	0	10	2	0	15	4	24	0	7
<b>Dekripsi</b>	<b>A</b>	<b>G</b>	<b>A</b>	<b>K</b>	<b>C</b>	<b>A</b>	<b>P</b>	<b>E</b>	<b>Y</b>	<b>A</b>	<b>H</b>