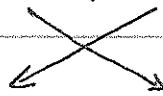


12-bit ciphertext
9-bit key

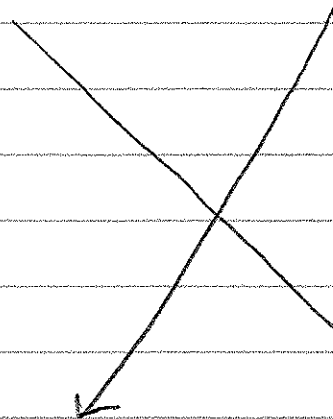
100011110001
111010110

decipher

L_4 R_4
100011 | 110001



110001 100011



100011
10000011

01011011 K_4

11011000

11101

11101

110001

001100

100011

K_4 111010110

input into round 4 encryption was 001100 100011

100011 | 001100

100011

K_3
111010110

001100
00111100

⊕

10101101 K_3

100 | 0001

100 | 000

100000

⊕

100011

000011

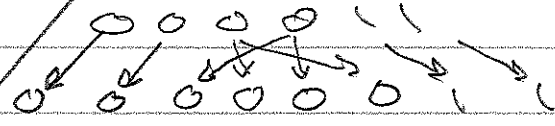
001100

[input into
round 3
encryption
was 000011 001100]

001100 | 000011

001100

X_2 11101010



(+)

11010110 X_2

11010110

111

001

111001

(+)

001100

110101

input into
round 2
encryption
was

110101000011

000011 / 110101

000011

K_1 (11010110)

110101
110100

⊕

11101011

000000010

101 | 110

101110

⊕

000011

101101

110101

[plaintext WAS 101101110101]