

A. in code word

1 0 0 1 1 0 1 0

B. No error.

1 0 0 1 1 0 1 0

C. error ebits

1 0 0 1 0 0 1 1

[illegible]

			1	1	0
remainder	✓				(sender)

\therefore Codeword = 10101111110#

[illegible]

remainder reduces, congruence

\therefore Data not a $4 \times$ error power
remainder = 000 \times

[illegible]

remainder receiver (syndrome)

\therefore Data 11 gives error with remainder 1111 000

Code wird in 8 Bit
wird bit n 7 118 = 64 + 54