

03:22

CRC

				1	1	1	1	0	1
1	1	0	1	1	0	0	1	0	0
				1	1	0	1		
				1	0	0	0		
				1	1	0	1		
				1	0	1	0		
				1	1	0	1		
				1	1	1	0		
				1	1	0	1		
				0	1	1	0	1	
				1	1	0	1		
				0	0	0			

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

0 0 0

✓ Data Accepted

NESO ACADEMY

reciever side:-

03:57

HOMEWORK

Suppose we want to transmit the message 11001001 and protect it from errors using the CRC polynomial x^3+1 . Use polynomial long division to determine the message that should be transmitted. Corrupt the left-most third bit of the transmitted message and show that the error is detected by the receiver using CRC technique.