Question

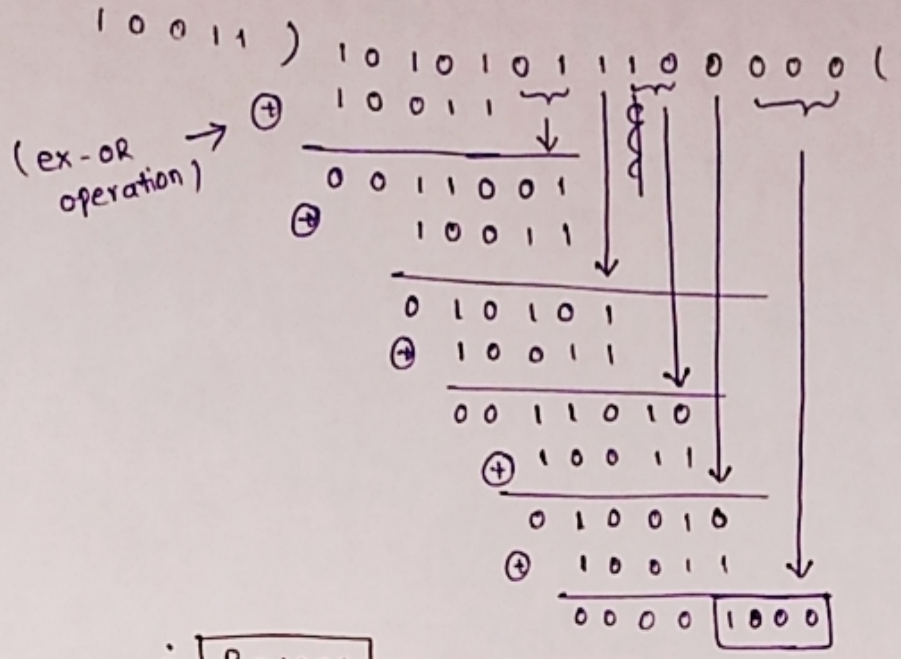
Consider the 5-bit generator, G=10011, and suppose that D has the value 1010101110. What is the value of R? Show all the steps including the checking at the receiver.

Answer

8)

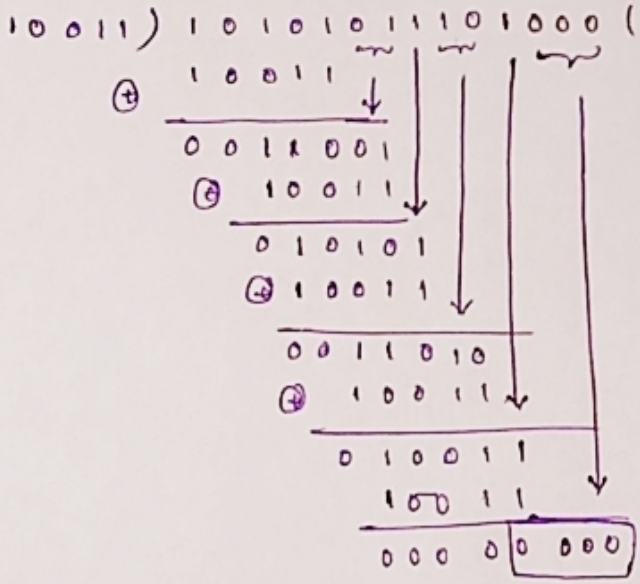
$G = 10011, \quad D = 1010101110$

Sol → G is having 5 bits, So add 4 zeros at end of D.



∴ R = 1000

Checking at Receiver:-



∴ last we are getting (0000),

So we can say that D is successfully Received, without any error.