## Задание 4.

$A = 1425_{10} = 1011\,0010\,001_2 = (0,1011\,0010\,001)_2 \times 2^{11}$

$X_A = P_A + 128 = (139)_{10} = (1000\,1011)_2$

$A = 0|10001011|10110010001\,0000\,0000\,0000$

$B = 0,777_{10} = (0,C6E978)_{16} =$

$= (0,1100\,0110\,1110\,1001\,0111\,1000)_2$

$X_B = P_B + 128 = (128)_{10} = (10000000)_2$

$B = 0|10000000|1100\,0110\,1110\,1001\,0111\,1000$

## Задание 5.

$A = 1425_{10} = 1011\,0010\,001_2 = (1,0110\,0100\,01)_2 \cdot 2^{10}$

$X_A = P_A + 127 = (137)_{10} = (1000\,1001)_2$

$A = 0|10001001|01100\,1000\,1000\,0000\,0000$

$B = (0,777)_{10} = (0,1100\,0110\,1110\,1001\,0111\,1000)_2 =$

$= (1,1000\,1101\,1101\,0010\,1111\,0000)_2 \cdot 2^{-1}$

$X_B = P_B + 127 = (126)_{10} = (0111\,1110)_2$

B = 0 01111110 100 0110 1110 1001 0111 1000

R = 43230100 S = BF910000