

D463R1-2 tanque.pdf

1. feladat

$$N_1 = 226$$

226	0
113	1
56	0
28	0
14	0
2	1
3	1
11	

11100010

$$N_2 = 3950$$

3950	0
1945	1
944	1
493	1
246	0
123	1
61	1
30	0
15	1
4	1
3	1
1	1

111101101110

$$N_3 = 2025$$

2025	1
1012	0
506	0
253	1
506	0
126	1
63	1
31	1
25	1
45	1
34	1
13	1
44	

11111101001

2. feladat

$$N_1 = 63F$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6^2 \\ 6^1 \\ 6^0 \end{array}$$

$$72 \cdot 16^2 + 3 \cdot 16^1 + 15 \cdot 16^0 \\ 30F2 + 48 + 15 = 3135$$

110000111111

$$N_2 = BFA$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$$

$$1 \neq 10$$

$$71 \cdot 256 + F \cdot 16 + 10 \cdot 1$$

$$2816 + 112 + 10 = 2930$$

2930	0
1469	1
734	0
364	1
193	1
91	1
45	1
22	0
71	1
5	1
2	0
1	1

101101111010

3135	1
1564	1
F83	1
391	1
195	1
94	1
48	0
24	0
12	0
6	0
3	1
1	1

$$N_3 = FF2$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 15 \\ 15 \\ \hline 2 \end{array}$$

$$15 \cdot 256 + 15 \cdot 16 + 2 \\ 3840 + 242 = 4082$$

4082	0
2041	1
1020	0
510	0
255	1
127	1
63	1
31	1
15	1

*	1
3	1
7	1

111111110010