

# Ochrona Danych – Laboratorium 1

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Zad 1 – dla p równego 7

Wprowadz liczbę elementów p: 7

Tabliczka dodawania:

0	1	2	3	4	5	6
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1	2	3	4	5	6	0
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2	3	4	5	6	0	1
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3	4	5	6	0	1	2
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4	5	6	0	1	2	3
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5	6	0	1	2	3	4
---	---	---	---	---	---	---

6	0	1	2	3	4	5
---	---	---	---	---	---	---

Tabliczka mnożenia:

0	0	0	0	0	0	0
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0	1	2	3	4	5	6
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0	2	4	6	1	3	5
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0	3	6	2	5	1	4
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0	4	1	5	2	6	3
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0	5	3	1	6	4	2
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0	6	5	4	3	2	1
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**Zad 2,3 i 4 - dla  $p$  równego 7**

Tabliczka liczb przeciwnych:

0	0
1	6
2	5
3	4
4	3
5	2
6	1

Tabliczka liczb odwrotnych:

1	1
2	4
3	2
4	2
5	4
6	1

Rząd multiplikatywny

1	1
2	3
3	6
4	3
5	6
6	2

**Zad 5 – elementy pierwotne dla  $GF(7)$  to 3 i 5**