*Федеральное государственное бюджетное образовательное учреждение* *высшего образования*

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| **Gerb-BMSTU_01** | ***«Московский государственный технический университет  имени Н.Э. Баумана***  ***(национальный исследовательский университет)»***  ***(МГТУ им. Н.Э. Баумана)*** |

ФАКУЛЬТЕТ ИНФОРМАТИКА И СИСТЕМЫ УПРАВЛЕНИЯ

КАФЕДРА КОМПЬЮТЕРНЫЕ СИСТЕМЫ И СЕТИ (ИУ6)

**Отчет**

**по лабораторной работе №8**

**Дисциплина:** Схемотехника

**Название лабораторной работы:**

Преобразователи кодов

Студент гр. ИУ6-52  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Бурлаков А.С.**

(Подпись, дата) (И.О. Фамилия)

Преподаватель  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

(Подпись, дата) (И.О. Фамилия)

Москва, 2018

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| Десятичные цифры | Двоично-десятичный код 8421 | | | | Двоично-десятичный код 8421 | | | |
| Веса разрядов | | | | Веса разрядов | | | |
| A3 | A2 | A1 | A0 | B3 | B2 | B1 | B0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 3 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 4 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 5 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 6 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 7 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 8 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 9 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 0 | 0 |  | 0 | 0 | 1 | 0 |  | 1 | 0 | 1 | 1 |  | 1 | 0 | 0 | 0 |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| 1 | x | x | 1 | 0 | x | x | 0 | 1 | x | x | 0 | 0 | x | x | 1 |
| 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 0 | 0 |  | 0 | 0 | 1 | 0 |  | 1 | 0 | 1 | 1 |  | 1 | 0 | 0 | 0 |
| x | x | x | x | x | x | x | x | X | x | x | x | x | x | x | x |
| 1 | x | x | 1 | 0 | x | x | 0 | 1 | x | x | 0 | 0 | x | x | 1 |
| 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |





