

Министерство образования Республики Беларусь
УО «Брестский государственный технический университет»
Кафедра ИИТ

Лабораторная работа

Выполнила:
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группы АС-33
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Проверил:
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Брест 2014

Входные данные:

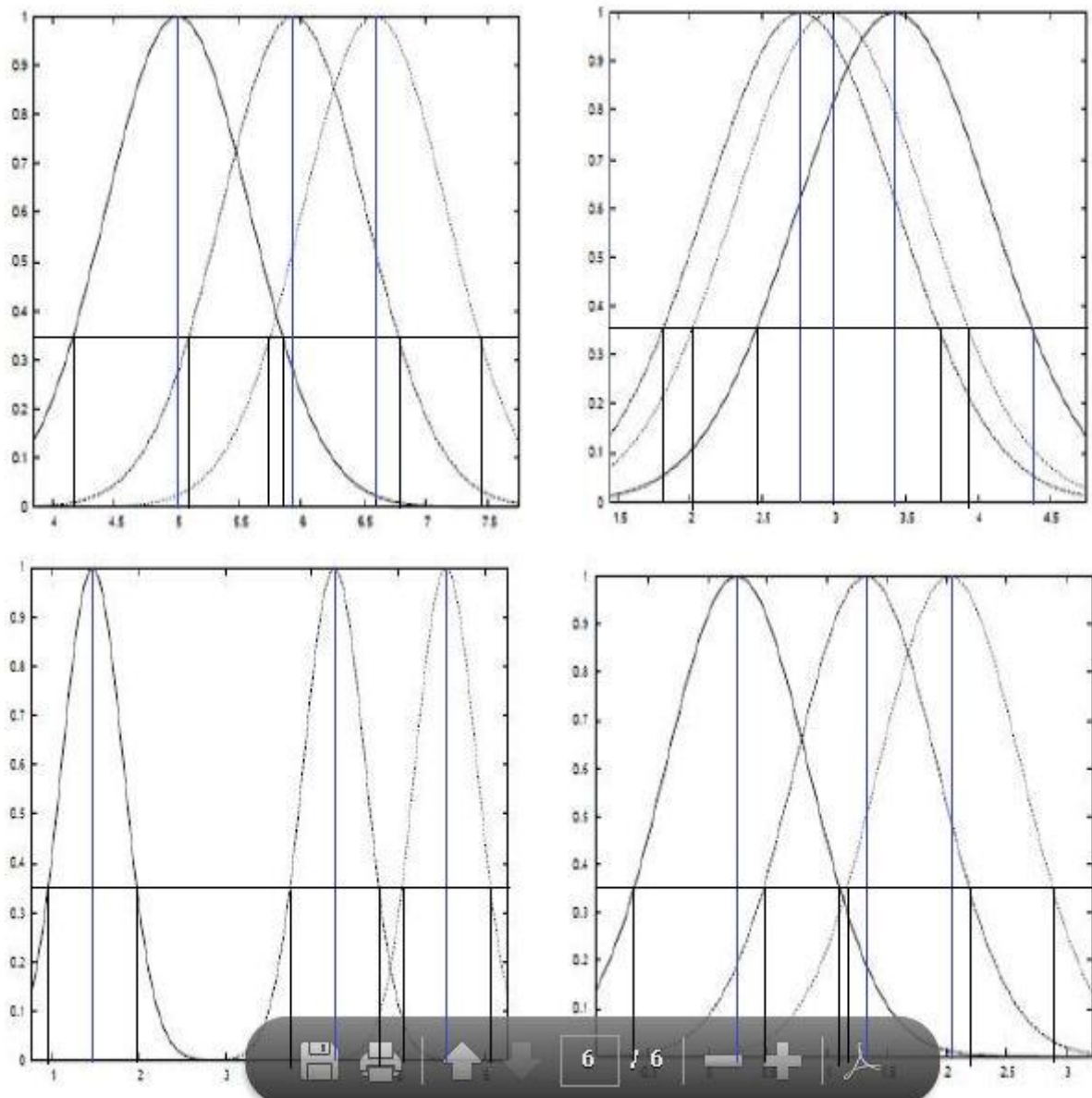
5.1	3.5	1.4	0.2	1	6.4	3.2	4.5	1.5	2	7.1	3.0	5.9	2.1	3
4.9	3.0	1.4	0.2	1	6.9	3.1	4.9	1.5	2	6.3	2.9	5.6	1.8	3
4.7	3.2	1.3	0.2	1	5.5	2.3	4.0	1.3	2	6.5	3.0	5.8	2.2	3
4.6	3.1	1.5	0.2	1	6.5	2.8	4.6	1.5	2	7.6	3.0	6.6	2.1	3
5.0	3.6	1.4	0.2	1	5.7	2.8	4.5	1.3	2	4.9	2.5	4.5	1.7	3
5.4	3.9	1.7	0.4	1	6.3	3.3	4.7	1.6	2	7.3	2.9	6.3	1.8	3
4.6	3.4	1.4	0.3	1	4.9	2.4	3.3	1.0	2	6.7	2.5	5.8	1.8	3
5.0	3.4	1.5	0.2	1	6.6	2.9	4.6	1.3	2	7.2	3.6	6.1	2.5	3
4.4	2.9	1.4	0.2	1	5.2	2.7	3.9	1.4	2	6.5	3.2	5.1	2.0	3
4.9	3.1	1.5	0.1	1	5.0	2.0	3.5	1.0	2	6.4	2.7	5.3	1.9	3
5.4	3.7	1.5	0.2	1	5.9	3.0	4.2	1.5	2	6.8	3.0	5.5	2.1	3
4.8	3.4	1.6	0.2	1	6.0	2.2	4.0	1.0	2	5.7	2.5	5.0	2.0	3
4.8	3.0	1.4	0.1	1	6.1	2.9	4.7	1.4	2	5.8	2.8	5.1	2.4	3
4.3	3.0	1.1	0.1	1	5.6	2.9	3.6	1.3	2	6.4	3.2	5.3	2.3	3
5.8	4.0	1.2	0.2	1	6.7	3.1	4.4	1.4	2	6.5	3.0	5.5	1.8	3
5.7	4.4	1.5	0.4	1	5.6	3.0	4.5	1.5	2	7.7	3.8	6.7	2.2	3
5.4	3.9	1.3	0.4	1	5.8	2.7	4.1	1.0	2	7.7	2.6	6.9	2.3	3
5.1	3.5	1.4	0.3	1	6.2	2.2	4.5	1.5	2	6.0	2.2	5.0	1.5	3
5.7	3.8	1.7	0.3	1	5.6	2.5	3.9	1.1	2	6.9	3.2	5.7	2.3	3
5.1	3.8	1.5	0.3	1	5.9	3.2	4.8	1.8	2	5.6	2.8	4.9	2.0	3
5.4	3.4	1.7	0.2	1	6.1	2.8	4.0	1.3	2	7.7	2.8	6.7	2.0	3
5.1	3.7	1.5	0.4	1	6.3	2.5	4.9	1.5	2	6.3	2.7	4.9	1.8	3
4.6	3.6	1.0	0.2	1	6.1	2.8	4.7	1.2	2	6.7	3.3	5.7	2.1	3
5.1	3.3	1.7	0.5	1	6.4	2.9	4.3	1.3	2	7.2	3.2	6.0	1.8	3
4.8	3.4	1.9	0.2	1	6.6	3.0	4.4	1.4	2	6.2	2.8	4.8	1.8	3
5.0	3.0	1.6	0.2	1	6.8	2.8	4.8	1.4	2	6.1	3.0	4.9	1.8	3
5.0	3.4	1.6	0.4	1	6.7	3.0	5.0	1.7	2	6.4	2.8	5.6	2.1	3
5.2	3.5	1.5	0.2	1	6.0	2.9	4.5	1.5	2	7.2	3.0	5.8	1.6	3
5.2	3.4	1.4	0.2	1	5.7	2.6	3.5	1.0	2	7.4	2.8	6.1	1.9	3
4.7	3.2	1.6	0.2	1	5.5	2.4	3.8	1.1	2	7.9	3.8	6.4	2.0	3
4.8	3.1	1.6	0.2	1	5.5	2.4	3.7	1.0	2	6.4	2.8	5.6	2.2	3
5.4	3.4	1.5	0.4	1	5.8	2.7	3.9	1.2	2	6.3	2.8	5.1	1.5	3
5.2	4.1	1.5	0.1	1	6.0	2.7	5.1	1.6	2	6.1	2.6	5.6	1.4	3
5.5	4.2	1.4	0.2	1	5.4	3.0	4.5	1.5	2	7.7	3.0	6.1	2.3	3
4.9	3.1	1.5	0.1	1	6.0	3.4	4.5	1.6	2	6.3	3.4	5.6	2.4	3
5.0	3.2	1.2	0.2	1	6.7	3.1	4.7	1.5	2	6.4	3.1	5.5	1.8	3
5.5	3.5	1.3	0.2	1	6.3	2.3	4.4	1.3	2	6.0	3.0	4.8	1.8	3
4.9	3.1	1.5	0.1	1	5.6	3.0	4.1	1.3	2	6.9	3.1	5.4	2.1	3
4.4	3.0	1.3	0.2	1	5.5	2.5	4.0	1.3	2	6.7	3.1	5.6	2.4	3
5.1	3.4	1.5	0.2	1	5.5	2.6	4.4	1.2	2	6.9	3.1	5.1	2.3	3
5.0	3.5	1.3	0.3	1	6.1	3.0	4.6	1.4	2	5.8	2.7	5.1	1.9	3
4.5	2.3	1.3	0.3	1	5.8	2.6	4.0	1.2	2	6.8	3.2	5.9	2.3	3
4.4	3.2	1.3	0.2	1	5.0	2.3	3.3	1.0	2	6.7	3.3	5.7	2.5	3
5.0	3.5	1.6	0.6	1	5.6	2.7	4.2	1.3	2	6.7	3.0	5.2	2.3	3
5.1	3.8	1.9	0.4	1	5.7	3.0	4.2	1.2	2	6.3	2.5	5.0	1.9	3
4.8	3.0	1.4	0.3	1	5.7	2.9	4.2	1.3	2	6.5	3.0	5.2	2.0	3
5.1	3.8	1.6	0.2	1	6.2	2.9	4.3	1.3	2	6.2	3.4	5.4	2.3	3
4.6	3.2	1.4	0.2	1	5.1	2.5	3.0	1.1	2	5.9	3.0	5.1	1.8	3
5.3	3.7	1.5	0.2	1	5.7	2.8	4.1	1.3	2					
5.0	3.3	1.4	0.2	1	6.3	3.3	6.0	2.5	3					
7.0	3.2	4.7	1.4	2	5.8	2.7	5.1	1.9	3					

Правило

R_1 : IF x_1 is short AND x_2 is long AND x_3 is short AND x_4 is short THEN $y = 1.00$.

R_2 : IF x_1 is medium AND x_2 is small AND x_3 is medium AND x_4 is medium THEN $y = 2.10$.

R_3 : IF x_1 is long AND x_2 is medium AND x_3 is long AND x_4 is long THEN $y = 2.95$.



	short	medium	long
w1	(4,2 5,85)	(5,1 6,75)	(5,75 7,4)
c1	5	5,9	6,6
w2	(1,8 3,7)	(2 3,9)	(2,45 4,4)
c2	2,75	3	3,4
w3	(1 2)	(3,8 4,8)	(5 6,1)
c3	1,5	4,2	5,5
w4	(-0,6 1,1)	(0,5 2,2)	(1,2 2,9)
c4	0,25	1,4	2

Результат:

5.10	3.50	1.40	0.20	1	YES
4.90	3.00	1.40	0.20	1	YES
4.70	3.20	1.30	0.20	1	YES
4.60	3.10	1.50	0.20	1	YES
5.00	3.60	1.40	0.20	1	YES
5.40	3.90	1.70	0.40	1	NO
4.60	3.40	1.40	0.30	1	YES
5.00	3.40	1.50	0.20	1	YES
4.40	2.90	1.40	0.20	1	YES
4.90	3.10	1.50	0.10	1	YES
5.40	3.70	1.50	0.20	1	YES
4.80	3.40	1.60	0.20	1	YES
4.80	3.00	1.40	0.10	1	YES
4.30	3.00	1.10	0.10	1	YES
5.80	4.00	1.20	0.20	1	NO
5.70	4.40	1.50	0.40	1	NO
5.40	3.90	1.30	0.40	1	NO
5.10	3.50	1.40	0.30	1	YES
5.70	3.80	1.70	0.30	1	YES
5.10	3.80	1.50	0.30	1	YES
5.40	3.40	1.70	0.20	1	YES
5.10	3.70	1.50	0.40	1	YES
4.60	3.60	1.00	0.20	1	NO
5.10	3.30	1.70	0.50	1	YES
4.80	3.40	1.90	0.20	1	YES
5.00	3.00	1.60	0.20	1	YES
5.00	3.40	1.60	0.40	1	YES
5.20	3.50	1.50	0.20	1	YES
5.20	3.40	1.40	0.20	1	YES
4.70	3.20	1.60	0.20	1	YES
4.80	3.10	1.60	0.20	1	YES
5.40	3.40	1.50	0.40	1	YES
5.20	4.10	1.50	0.10	1	NO
5.50	4.20	1.40	0.20	1	NO
4.90	3.10	1.50	0.10	1	YES
5.00	3.20	1.20	0.20	1	YES
5.50	3.50	1.30	0.20	1	YES
4.90	3.10	1.50	0.10	1	YES
4.40	3.00	1.30	0.20	1	YES
5.10	3.40	1.50	0.20	1	YES
5.00	3.50	1.30	0.30	1	YES
4.50	2.30	1.30	0.30	1	YES
4.40	3.20	1.30	0.20	1	YES
5.00	3.50	1.60	0.60	1	YES
5.10	3.80	1.90	0.40	1	YES
4.80	3.00	1.40	0.30	1	YES
5.10	3.80	1.60	0.20	1	YES
4.60	3.20	1.40	0.20	1	YES
5.30	3.70	1.50	0.20	1	YES
5.00	3.30	1.40	0.20	1	YES

7.00	3.20	4.70	1.40	2	NO
6.40	3.20	4.50	1.50	2	YES
6.90	3.10	4.90	1.50	2	NO
5.50	2.30	4.00	1.30	2	NO
6.50	2.80	4.60	1.50	2	YES
5.70	2.80	4.50	1.30	2	YES
6.30	3.30	4.70	1.60	2	YES
4.90	2.40	3.30	1.00	2	NO
6.60	2.90	4.60	1.30	2	YES
5.20	2.70	3.90	1.40	2	YES
5.00	2.00	3.50	1.00	2	NO
5.90	3.00	4.20	1.50	2	YES
6.00	2.20	4.00	1.00	2	NO
6.10	2.90	4.70	1.40	2	YES
5.60	2.90	3.60	1.30	2	NO
6.70	3.10	4.40	1.40	2	YES
5.60	3.00	4.50	1.50	2	YES
5.80	2.70	4.10	1.00	2	YES
6.20	2.20	4.50	1.50	2	NO
5.60	2.50	3.90	1.10	2	YES
5.90	3.20	4.80	1.80	2	NO
6.10	2.80	4.00	1.30	2	YES
6.30	2.50	4.90	1.50	2	NO
6.10	2.80	4.70	1.20	2	YES
6.40	2.90	4.30	1.30	2	YES
6.60	3.00	4.40	1.40	2	YES
6.80	2.80	4.80	1.40	2	NO
6.70	3.00	5.00	1.70	2	NO
6.00	2.90	4.50	1.50	2	YES
5.70	2.60	3.50	1.00	2	NO
5.50	2.40	3.80	1.10	2	NO
5.50	2.40	3.70	1.00	2	NO
5.80	2.70	3.90	1.20	2	YES
6.00	2.70	5.10	1.60	2	NO
5.40	3.00	4.50	1.50	2	YES
6.00	3.40	4.50	1.60	2	YES
6.70	3.10	4.70	1.50	2	YES
6.30	2.30	4.40	1.30	2	NO
5.60	3.00	4.10	1.30	2	YES
5.50	2.50	4.00	1.30	2	YES
5.50	2.60	4.40	1.20	2	YES
6.10	3.00	4.60	1.40	2	YES
5.80	2.60	4.00	1.20	2	YES
5.00	2.30	3.30	1.00	2	NO
5.60	2.70	4.20	1.30	2	YES
5.70	3.00	4.20	1.20	2	YES
5.70	2.90	4.20	1.30	2	YES
6.20	2.90	4.30	1.30	2	YES
5.10	2.50	3.00	1.10	2	NO
5.70	2.80	4.10	1.30	2	YES
6.30	3.30	6.00	2.50	3	YES
5.80	2.70	5.10	1.90	3	YES

7.10	3.00	5.90	2.10	3	YES
6.30	2.90	5.60	1.80	3	YES
6.50	3.00	5.80	2.20	3	YES
7.60	3.00	6.60	2.10	3	NO
4.90	2.50	4.50	1.70	3	NO
7.30	2.90	6.30	1.80	3	NO
6.70	2.50	5.80	1.80	3	YES
7.20	3.60	6.10	2.50	3	YES
6.50	3.20	5.10	2.00	3	YES
6.40	2.70	5.30	1.90	3	YES
6.80	3.00	5.50	2.10	3	YES
5.70	2.50	5.00	2.00	3	NO
5.80	2.80	5.10	2.40	3	YES
6.40	3.20	5.30	2.30	3	YES
6.50	3.00	5.50	1.80	3	YES
7.70	3.80	6.70	2.20	3	NO
7.70	2.60	6.90	2.30	3	NO
6.00	2.20	5.00	1.50	3	NO
6.90	3.20	5.70	2.30	3	YES
5.60	2.80	4.90	2.00	3	NO
7.70	2.80	6.70	2.00	3	NO
6.30	2.70	4.90	1.80	3	NO
6.70	3.30	5.70	2.10	3	YES
7.20	3.20	6.00	1.80	3	YES
6.20	2.80	4.80	1.80	3	NO
6.10	3.00	4.90	1.80	3	NO
6.40	2.80	5.60	2.10	3	YES
7.20	3.00	5.80	1.60	3	YES
7.40	2.80	6.10	1.90	3	NO
7.90	3.80	6.40	2.00	3	NO
6.40	2.80	5.60	2.20	3	YES
6.30	2.80	5.10	1.50	3	YES
6.10	2.60	5.60	1.40	3	YES
7.70	3.00	6.10	2.30	3	NO
6.30	3.40	5.60	2.40	3	YES
6.40	3.10	5.50	1.80	3	YES
6.00	3.00	4.80	1.80	3	NO
6.90	3.10	5.40	2.10	3	YES
6.70	3.10	5.60	2.40	3	YES
6.90	3.10	5.10	2.30	3	YES
5.80	2.70	5.10	1.90	3	YES
6.80	3.20	5.90	2.30	3	YES
6.70	3.30	5.70	2.50	3	YES
6.70	3.00	5.20	2.30	3	YES
6.30	2.50	5.00	1.90	3	NO
6.50	3.00	5.20	2.00	3	YES
6.20	3.40	5.40	2.30	3	YES
5.90	3.00	5.10	1.80	3	YES

71.33 percent succesrate!

