

МИНИСТЕРСТВО ОБРАЗОВАНИЯ РЕСПУБЛИКИ БЕЛАРУСЬ
УЧРЕЖДЕНИЕ ОБРАЗОВАНИЯ
“БРЕСТСКИЙ ГОСУДАРСТВЕННЫЙ ТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ”
КАФЕДРА ИИТ

ОТЧЁТ
по SSOD
по лабораторной работе №4

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Classification

R1 If x1 is Short and x2 is Wide and x3 is Short and x4 is Narrow then g = 0.9763

R2 If x1 is Long and x2 is Medium and x3 is Medium and x4 is Medium then g = 2.0054

R3 If x1 is Medium and x2 is Narrow and x3 is Long and x4 is Wide then g = 3.0185

Fuzzy set parameters

x1 S=(4.2046, 5.3171, 5.9475) M=(3.7522, 5.9779, 8.2048) L=(4.3795, 6.5593, 8.2816)

x2 N=(1.2431, 2.5759, 4.4562) M=(1.7047, 3.5304, 3.8480) W=(1.8674, 4.143, 4.935)

x3 S=(0.3542, 1.061, 4.1049) M=(0.5027, 3.9518, 5.4715) L=(4.1304, 6.8883, 7.808)

x4 N=(-0.3903,-0.0909, 1.097) M=(0.4008, 1.130, 2.3095) W=(1.1088, 2.1603, 3.0233)

X1	X2	X3	X4	Real Type	Result
5.1	3.5	1.4	0.2	1	OK
4.9	3	1.4	0.2	1	OK
4.7	3.2	1.3	0.2	1	OK
4.6	3.1	1.5	0.2	1	OK
5	3.6	1.4	0.2	1	OK
5.4	3.9	1.7	0.4	1	OK
4.6	3.4	1.4	0.3	1	OK
5	3.4	1.5	0.2	1	OK
4.4	2.9	1.4	0.2	1	OK
4.9	3.1	1.5	0.1	1	OK
5.4	3.7	1.5	0.2	1	OK
4.8	3.4	1.6	0.2	1	OK
4.8	3	1.4	0.1	1	OK
4.3	3	1.1	0.1	1	OK
5.8	4	1.2	0.2	1	OK
5.7	4.4	1.5	0.4	1	OK
5.4	3.9	1.3	0.4	1	OK
5.1	3.5	1.4	0.3	1	OK
5.7	3.8	1.7	0.3	1	OK
5.1	3.8	1.5	0.3	1	OK
5.4	3.4	1.7	0.2	1	OK
5.1	3.7	1.5	0.4	1	OK
4.6	3.6	1	0.2	1	OK
5.1	3.3	1.7	0.5	1	OK
4.8	3.4	1.9	0.2	1	OK
5	3	1.6	0.2	1	OK
5	3.4	1.6	0.4	1	OK
5.2	3.5	1.5	0.2	1	OK
5.2	3.4	1.4	0.2	1	OK
4.7	3.2	1.6	0.2	1	OK

4.8	3.1	1.6	0.2	1	OK
5.4	3.4	1.5	0.4	1	OK
5.2	4.1	1.5	0.1	1	OK
5.5	4.2	1.4	0.2	1	OK
4.9	3.1	1.5	0.1	1	OK
5	3.2	1.2	0.2	1	OK
5.5	3.5	1.3	0.2	1	OK
4.9	3.1	1.5	0.1	1	OK
4.4	3	1.3	0.2	1	OK
5.1	3.4	1.5	0.2	1	OK
5	3.5	1.3	0.3	1	OK
4.5	2.3	1.3	0.3	1	OK
4.4	3.2	1.3	0.2	1	OK
5	3.5	1.6	0.6	1	OK
5.1	3.8	1.9	0.4	1	OK
4.8	3	1.4	0.3	1	OK
5.1	3.8	1.6	0.2	1	OK
4.6	3.2	1.4	0.2	1	OK
5.3	3.7	1.5	0.2	1	OK
5	3.3	1.4	0.2	1	OK
7	3.2	4.7	1.4	2	OK
6.4	3.2	4.5	1.5	2	OK
6.9	3.1	4.9	1.5	2	OK
5.5	2.3	4	1.3	2	OK
6.5	2.8	4.6	1.5	2	OK
5.7	2.8	4.5	1.3	2	OK
6.3	3.3	4.7	1.6	2	OK
4.9	2.4	3.3	1	2	OK
6.6	2.9	4.6	1.3	2	OK
5.2	2.7	3.9	1.4	2	OK
5	2	3.5	1	2	OK
5.9	3	4.2	1.5	2	OK
6	2.2	4	1	2	OK
6.1	2.9	4.7	1.4	2	OK
5.6	2.9	3.6	1.3	2	OK
6.7	3.1	4.4	1.4	2	OK
5.6	3	4.5	1.5	2	OK
5.8	2.7	4.1	1	2	OK
6.2	2.2	4.5	1.5	2	OK
5.6	2.5	3.9	1.1	2	OK
5.9	3.2	4.8	1.8	2	OK
6.1	2.8	4	1.3	2	OK
6.3	2.5	4.9	1.5	2	OK
6.1	2.8	4.7	1.2	2	OK
6.4	2.9	4.3	1.3	2	OK
6.6	3	4.4	1.4	2	OK
6.8	2.8	4.8	1.4	2	OK

6.7	3	5	1.7	2	OK
6	2.9	4.5	1.5	2	OK
5.7	2.6	3.5	1	2	OK
5.5	2.4	3.8	1.1	2	OK
5.5	2.4	3.7	1	2	OK
5.8	2.7	3.9	1.2	2	OK
6	2.7	5.1	1.6	2	FALSE
5.4	3	4.5	1.5	2	OK
6	3.4	4.5	1.6	2	OK
6.7	3.1	4.7	1.5	2	OK
6.3	2.3	4.4	1.3	2	OK
5.6	3	4.1	1.3	2	OK
5.5	2.5	4	1.3	2	OK
5.5	2.6	4.4	1.2	2	OK
6.1	3	4.6	1.4	2	OK
5.8	2.6	4	1.2	2	OK
5	2.3	3.3	1	2	OK
5.6	2.7	4.2	1.3	2	OK
5.7	3	4.2	1.2	2	OK
5.7	2.9	4.2	1.3	2	OK
6.2	2.9	4.3	1.3	2	OK
5.1	2.5	3	1.1	2	OK
5.7	2.8	4.1	1.3	2	OK
6.3	3.3	6	2.5	3	OK
5.8	2.7	5.1	1.9	3	OK
7.1	3	5.9	2.1	3	OK
6.3	2.9	5.6	1.8	3	OK
6.5	3	5.8	2.2	3	OK
7.6	3	6.6	2.1	3	OK
4.9	2.5	4.5	1.7	3	OK
7.3	2.9	6.3	1.8	3	OK
6.7	2.5	5.8	1.8	3	OK
7.2	3.6	6.1	2.5	3	OK
6.5	3.2	5.1	2	3	OK
6.4	2.7	5.3	1.9	3	OK
6.8	3	5.5	2.1	3	OK
5.7	2.5	5	2	3	OK
5.8	2.8	5.1	2.4	3	OK
6.4	3.2	5.3	2.3	3	OK
6.5	3	5.5	1.8	3	OK
7.7	3.8	6.7	2.2	3	OK
7.7	2.6	6.9	2.3	3	OK
6	2.2	5	1.5	3	OK
6.9	3.2	5.7	2.3	3	OK
5.6	2.8	4.9	2	3	OK
7.7	2.8	6.7	2	3	OK
6.3	2.7	4.9	1.8	3	OK

6.7	3.3	5.7	2.1	3	OK
7.2	3.2	6	1.8	3	OK
6.2	2.8	4.8	1.8	3	OK
6.1	3	4.9	1.8	3	OK
6.4	2.8	5.6	2.1	3	OK
7.2	3	5.8	1.6	3	OK
7.4	2.8	6.1	1.9	3	OK
7.9	3.8	6.4	2	3	OK
6.4	2.8	5.6	2.2	3	OK
6.3	2.8	5.1	1.5	3	OK
6.1	2.6	5.6	1.4	3	OK
7.7	3	6.1	2.3	3	OK
6.3	3.4	5.6	2.4	3	OK
6.4	3.1	5.5	1.8	3	OK
6	3	4.8	1.8	3	OK
6.9	3.1	5.4	2.1	3	OK
6.7	3.1	5.6	2.4	3	OK
6.9	3.1	5.1	2.3	3	OK
5.8	2.7	5.1	1.9	3	OK
6.8	3.2	5.9	2.3	3	OK
6.7	3.3	5.7	2.5	3	OK
6.7	3	5.2	2.3	3	OK
6.3	2.5	5	1.9	3	OK
6.5	3	5.2	2	3	OK
6.2	3.4	5.4	2.3	3	OK
5.9	3	5.1	1.8	3	OK

Count of correct lines is 149.

Percent of correct answers: 99.3333%.