

CCOD
06.10.2016
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In this practice our aim was to build a graphic for system with 25 rules and with speed = [0; 2.5; 5; 7.5; 10; 12.5; 15; 17.5; 20] and distance = [0; 100; 200; 300; 400; 500; 600; 700; 800; 900; 1000]

Here are the results of my work

Table of rules:

25 Rules					
IF X=	Very slow	AND Y=	Very Short	THEN Z=	Weak
	Very slow		Short		Weak
	Very slow		Medium		Very weak
	Very slow		Long		Very weak
	Very slow		Very long		Very weak
	Slow		Very Short		Medium
	Slow		Short		Weak
	Slow		Medium		Weak
	Slow		Long		Very weak
	Slow		Very long		Very weak
	Medium		Very Short		Strong
	Medium		Short		Medium
	Medium		Medium		Weak
	Medium		Long		Very weak
	Medium		Very long		Very weak
	Fast		Very Short		Very strong
	Fast		Short		Strong
	Fast		Medium		Medium
	Fast		Long		Weak
	Fast		Very long		Weak
	Very fast		Very Short		Very strong
	Very fast		Short		Very strong
	Very fast		Medium		Strong
	Very fast		Long		Medium
	Very fast		Very long		Weak

Table of balance

X(Speed)	Y(Distance)	Z(Balance)						
0	0	3	7,5	0	5,15625	15	0	8,63636364
0	100	3	7,5	100	5,15625	15	100	8,63636364
0	200	3	7,5	200	3,40625	15	200	7,125
0	300	1,66666667	7,5	300	3,5	15	300	6,68
0	400	0,875	7,5	400	3	15	400	4,9375
0	500	0,875	7,5	500	1,66666667	15	500	4,15
0	600	0,875	7,5	600	0,875	15	600	3,23529412
0	700	0,875	7,5	700	0,875	15	700	3,33333333
0	800	0,875	7,5	800	0,875	15	800	3
0	900	0,875	7,5	900	0,875	15	900	3
0	1000	0,875	7,5	1000	0,875	15	1000	3
2,5	0	3,10810811	10	0	6	17,5	0	8,63636364
2,5	100	3,10810811	10	100	6	17,5	100	8,63636364
2,5	200	3	10	200	4,5	17,5	200	8,49382716
2,5	300	1,66666667	10	300	3,625	17,5	300	7,74193548
2,5	400	1,03333333	10	400	3	17,5	400	5,89189189
2,5	500	1,13888889	10	500	1,66666667	17,5	500	5,08333333
2,5	600	0,875	10	600	0,875	17,5	600	4,28125
2,5	700	0,875	10	700	0,875	17,5	700	3,625
2,5	800	0,875	10	800	0,875	17,5	800	3
2,5	900	0,875	10	900	0,875	17,5	900	3
2,5	1000	0,875	10	1000	0,875	17,5	1000	3
5	0	4,0625	12,5	0	8,11940299	20	0	8,63636364
5	100	4,0625	12,5	100	8,11940299	20	100	8,63636364
5	200	3	12,5	200	5,59375	20	200	8,63636364
5	300	2,0625	12,5	300	4,65909091	20	300	7,86666667
5	400	2,28571429	12,5	400	3,84375	20	400	6
5	500	1,66666667	12,5	500	2,48076923	20	500	5,375
5	600	0,875	12,5	600	1,95454545	20	600	4,5
5	700	0,875	12,5	700	1,825	20	700	3,625
5	800	0,875	12,5	800	1,95454545	20	800	3
5	900	0,875	12,5	900	1,95454545	20	900	3
5	1000	0,875	12,5	1000	1,95454545	20	1000	3

Here are the graphics for the results



