Contemporary Data Processing Technology (CCOD)

Lab 5 (October 06, 2016)

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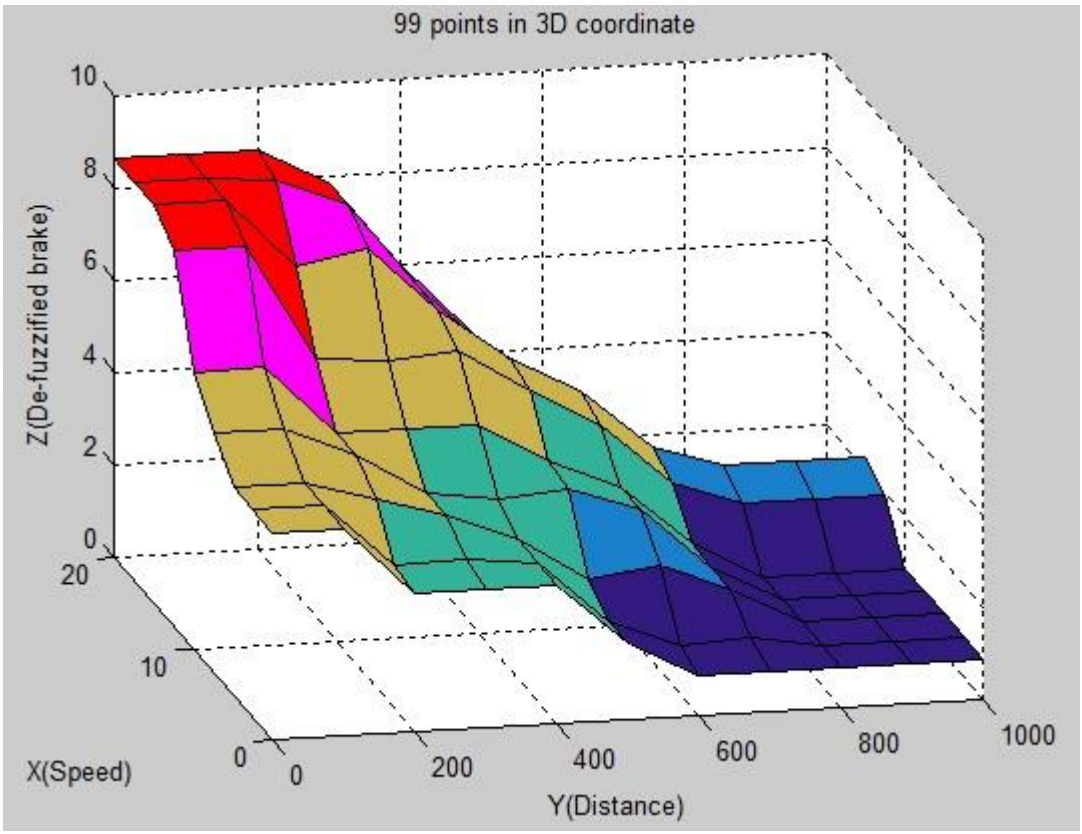
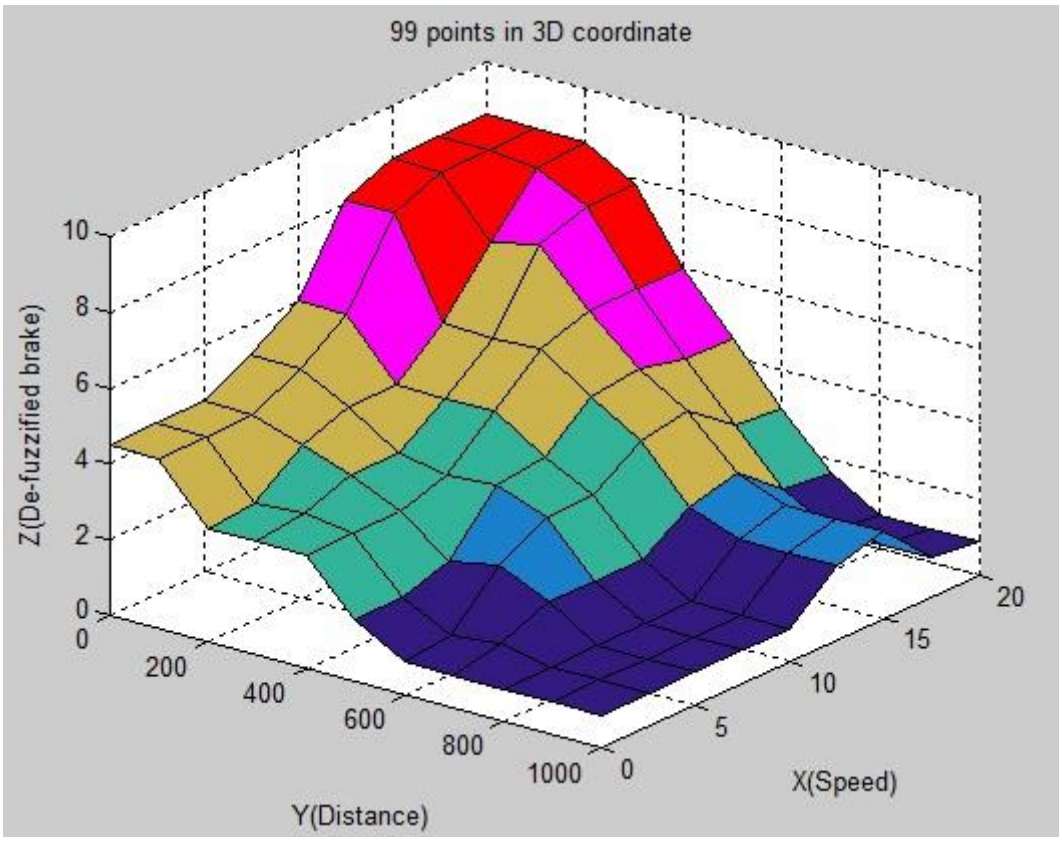
IF speed IS	AND distance IS	THEN break IS
vSLOW	vSHORT	MEDIUM
vSLOW	SHORT	WEAK
vSLOW	MEDIUM	WEAK
vSLOW	LONG	vWEAK
vSLOW	vLONG	vWEAK
SLOW	vSHORT	MEDIUM
SLOW	SHORT	MEDIUM
SLOW	MEDIUM	WEAK
SLOW	LONG	WEAK
SLOW	vLONG	vWEAK
MEDIUM	vSHORT	STRONG
MEDIUM	SHORT	MEDIUM
MEDIUM	MEDIUM	MEDIUM
MEDIUM	LONG	WEAK
MEDIUM	vLONG	vWEAK
FAST	vSHORT	vSTRONG
FAST	SHORT	STRONG
FAST	MEDIUM	STRONG
FAST	LONG	MEDIUM
FAST	vLONG	WEAK
vFAST	vSHORT	vSTRONG
vFAST	SHORT	vSTRONG
vFAST	MEDIUM	STRONG
vFAST	LONG	WEAK
vFAST	vLONG	vWEAK

speed	distance	break
0	0	4,500
0	100	4,500
0	200	3,000
0	300	3,000
0	400	3,000
0	500	1,667
0	600	0,875
0	700	0,875
0	800	0,875
0	900	0,875
0	1000	0,875
2,5	0	4,500
2,5	100	4,500
2,5	200	3,108
2,5	300	3,182
2,5	400	3,000
2,5	500	1,667
2,5	600	1,033
2,5	700	1,139
2,5	800	0,875
2,5	900	0,875
2,5	1000	0,875
5,0	0	4,500
5,0	100	4,500
5,0	200	4,063
5,0	300	3,625
5,0	400	3,000
5,0	500	2,063
5,0	600	2,286
5,0	700	1,667
5,0	800	0,875
5,0	900	0,875
5,0	1000	0,875

speed	distance	break
7,5	0	5,156
7,5	100	5,156
7,5	200	4,500
7,5	300	3,625
7,5	400	3,406
7,5	500	3,500
7,5	600	3,000
7,5	700	1,667
7,5	800	0,875
7,5	900	0,875
7,5	1000	0,875
10,0	0	6,000
10,0	100	6,000
10,0	200	4,500
10,0	300	4,500
10,0	400	4,500
10,0	500	3,625
10,0	600	3,000
10,0	700	1,667
10,0	800	0,875
10,0	900	0,875
10,0	1000	0,875
12,5	0	8,119
12,5	100	8,119
12,5	200	5,594
12,5	300	5,500
12,5	400	5,594
12,5	500	4,659
12,5	600	3,844
12,5	700	2,481
12,5	800	1,955
12,5	900	1,955
12,5	1000	1,955

speed	distance	break
15,0	0	8,636
15,0	100	8,636
15,0	200	7,125
15,0	300	7,421
15,0	400	6,000
15,0	500	4,850
15,0	600	4,063
15,0	700	2,773
15,0	800	2,286
15,0	900	2,286
15,0	1000	2,286
17,5	0	8,636
17,5	100	8,636
17,5	200	8,494
17,5	300	7,867
17,5	400	6,000
17,5	500	4,500
17,5	600	3,108
17,5	700	1,800
17,5	800	1,033
17,5	900	1,033
17,5	1000	1,033
20,0	0	8,636
20,0	100	8,636
20,0	200	8,636
20,0	300	7,867
20,0	400	6,000
20,0	500	4,500
20,0	600	3,000
20,0	700	1,667
20,0	800	0,875
20,0	900	0,875
20,0	1000	0,875


99 points in 3D coordinate
Z(De-fuzzified brake)
10
8
6
4
2
0
20
10
0
X(Speed)
0
200
400
600
800
1000
Y(Distance)


99 points in 3D coordinate
Z(De-fuzzified brake)
10
8
6
4
2
0
0
200
400
600
800
1000
Y(Distance)
0
5
10
15
20
X(Speed)