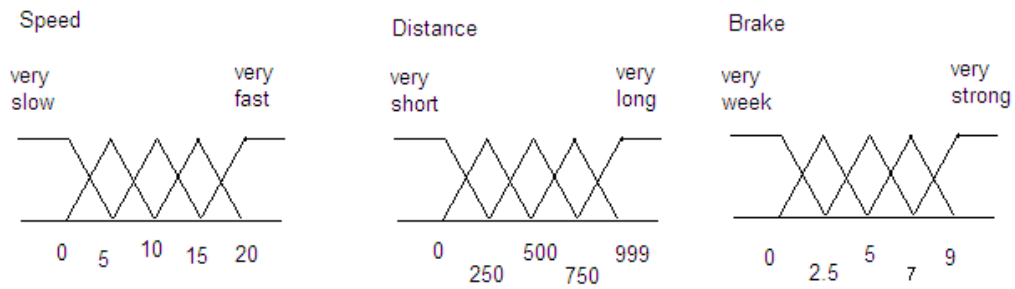
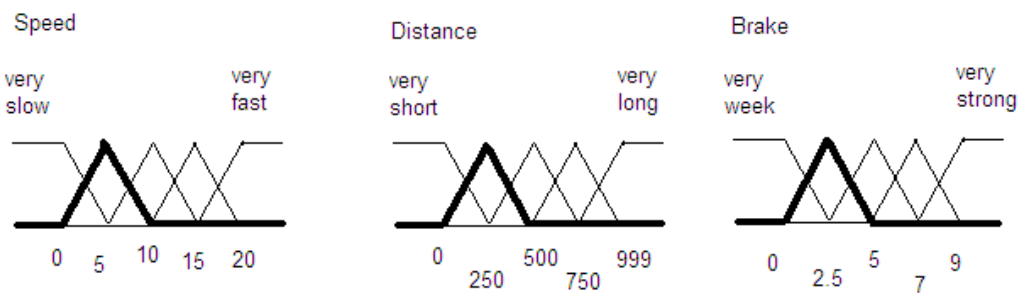


1) Graphics of speed, distance and brake.

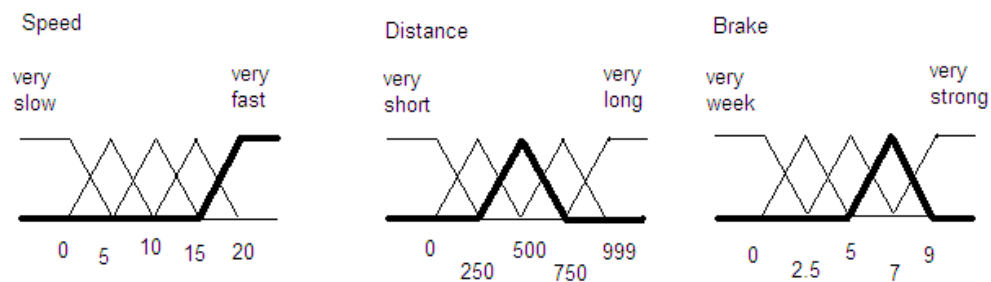


2) 3 rules.

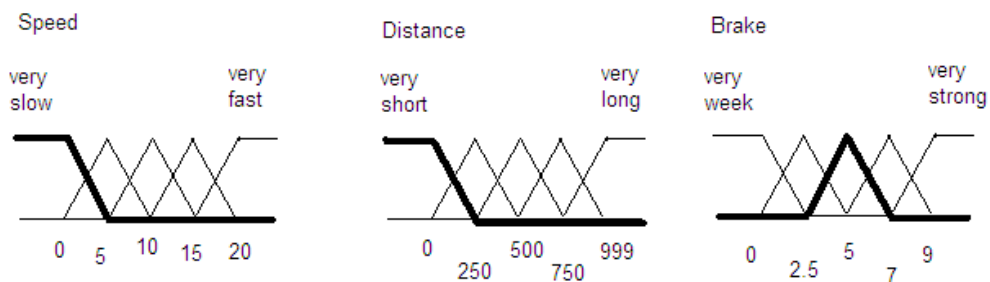
2.1) IF speed is slow AND distance is short THEN brake is week



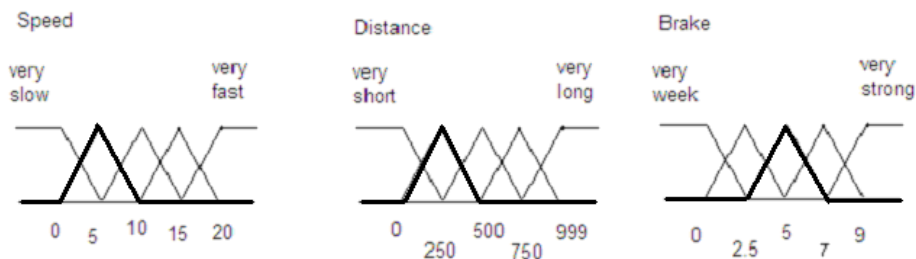
2.2) IF speed is very fast AND distance is medium THEN brake is strong



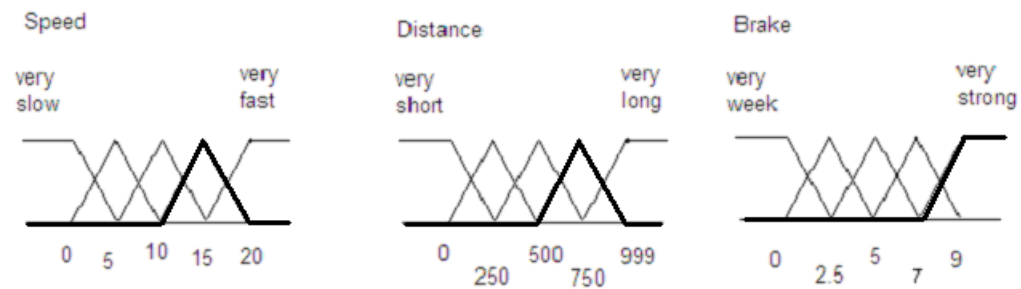
2.3) IF speed is very slow AND distance is very short THEN brake is medium



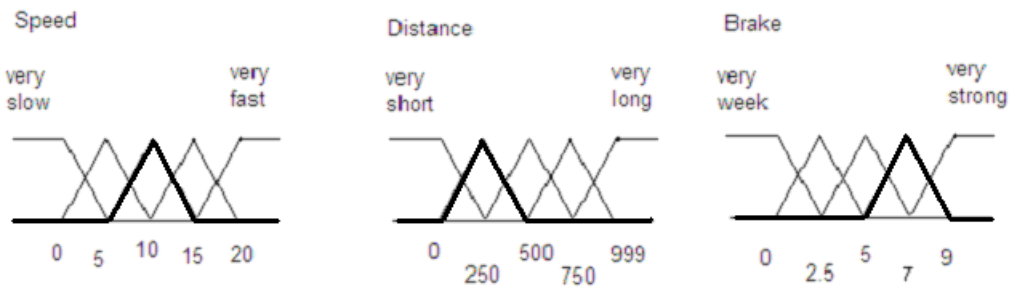
2.4) IF speed is slow AND distance is short THEN brake is medium



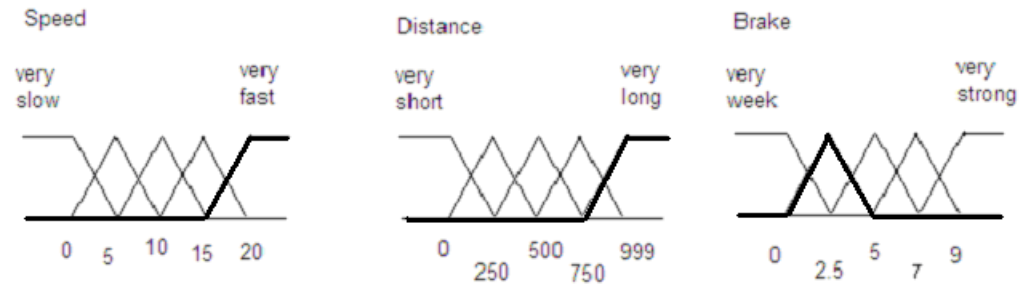
2.5) IF speed is fast AND distance is long THEN brake is very strong



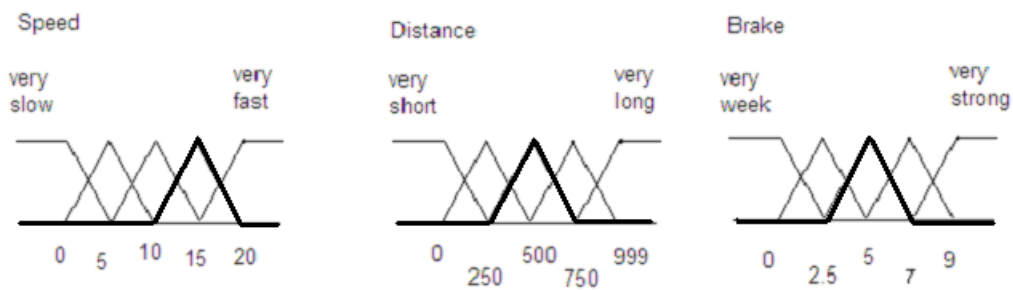
2.6) IF speed is medium AND distance is short THEN brake is very strong



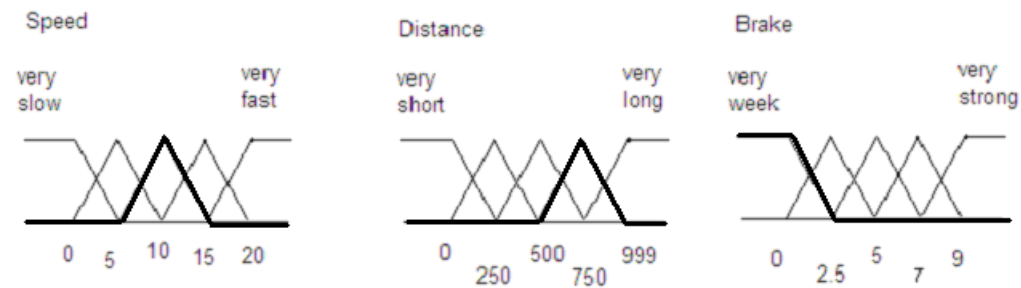
2.7) IF speed is very fast AND distance is very long THEN brake is very weak



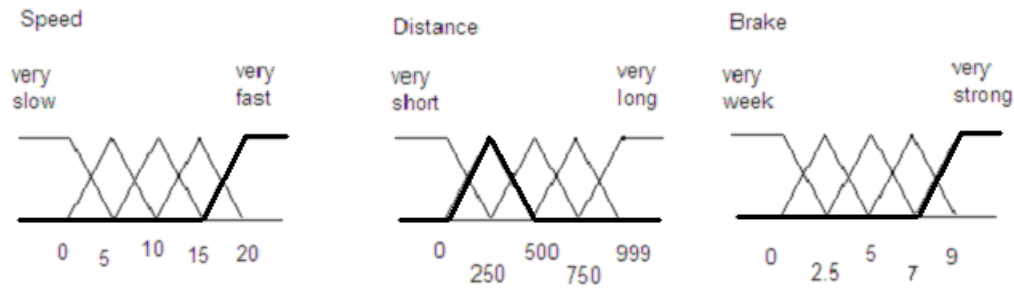
2.8) IF speed is fast AND distance is medium THEN brake is very medium



2.9) IF speed is medium AND distance is long THEN brake is very weak



2.10) IF speed is very fast AND distance is short THEN brake is very strong



3)Big table of values speed, distance, brake and μ (membership function) for 10 rules.

Rule 1						
v	m(v)	x	m(x)	a	m(a)	m(total)
8	0,4	900	0	0	0	0
8	0,4	900	0	1	0,4	0
8	0,4	900	0	2	0,8	0
8	0,4	900	0	3	0,8	0
8	0,4	900	0	4	0,4	0
8	0,4	900	0	5	0	0
8	0,4	900	0	6	0	0
8	0,4	900	0	7	0	0
8	0,4	900	0	8	0	0
8	0,4	900	0	9	0	0

Rule 2						
v	m(v)	x	m(x)	a	m(a)	m(total)
8	0	900	0	0	0	0
8	0	900	0	1	0	0
8	0	900	0	2	0	0
8	0	900	0	3	0	0
8	0	900	0	4	0	0
8	0	900	0	5	0	0
8	0	900	0	6	0,5	0
8	0	900	0	7	1	0
8	0	900	0	8	0,5	0
8	0	900	0	9	0	0

Rule 3						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0	900	0	0	0
8		0	900	0	1	0
8		0	900	0	2	0
8		0	900	0	3	0,2
8		0	900	0	4	0,6
8		0	900	0	5	1
8		0	900	0	6	0,6
8		0	900	0	7	0,2
8		0	900	0	8	0
8		0	900	0	9	0

Rule 4						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0,4	900	0	0	0
8		0,4	900	0	1	0
8		0,4	900	0	2	0
8		0,4	900	0	3	0,2
8		0,4	900	0	4	0,6
8		0,4	900	0	5	1
8		0,4	900	0	6	0,6
8		0,4	900	0	7	0,2
8		0,4	900	0	8	0
8		0,4	900	0	9	0

Rule 5						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0	900	0,4	0	0
8		0	900	0,4	1	0
8		0	900	0,4	2	0
8		0	900	0,4	3	0
8		0	900	0,4	4	0
8		0	900	0,4	5	0
8		0	900	0,4	6	0
8		0	900	0,4	7	0
8		0	900	0,4	8	0,5
8		0	900	0,4	9	1

Rule 6						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0,6	900	0	0	0
8		0,6	900	0	1	0
8		0,6	900	0	2	0
8		0,6	900	0	3	0
8		0,6	900	0	4	0
8		0,6	900	0	5	0
8		0,6	900	0	6	0,5
8		0,6	900	0	7	1
8		0,6	900	0	8	0,5

8	0,6	900	0	9	1	0
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Rule 7						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0	900	0,6	0	0
8		0	900	0,6	1	0,4
8		0	900	0,6	2	0,8
8		0	900	0,6	3	0,8
8		0	900	0,6	4	0,4
8		0	900	0,6	5	0
8		0	900	0,6	6	0
8		0	900	0,6	7	0
8		0	900	0,6	8	0
8		0	900	0,6	9	0

Rule 8						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0	900	0	0	0
8		0	900	0	1	0
8		0	900	0	2	0
8		0	900	0	3	0,2
8		0	900	0	4	0,6
8		0	900	0	5	1
8		0	900	0	6	0,6
8		0	900	0	7	0,2
8		0	900	0	8	0
8		0	900	0	9	0

Rule 9						
v	m(v)	x	m(x)	a	m(a)	m(total)
8		0,6	900	0,4	0	1
8		0,6	900	0,4	1	0,6
8		0,6	900	0,4	2	0,2
8		0,6	900	0,4	3	0
8		0,6	900	0,4	4	0
8		0,6	900	0,4	5	0
8		0,6	900	0,4	6	0
8		0,6	900	0,4	7	0
8		0,6	900	0,4	8	0
8		0,6	900	0,4	9	0

Rule 10						
v	m(v)	x	m(x)	a	m(a)	m(totalOFrules)
8		0	900	0	0	0
8		0	900	0	1	0
8		0	900	0	2	0
8		0	900	0	3	0
8		0	900	0	4	0
8		0	900	0	5	0

8	0	900	0 6	0	0
8	0	900	0 7	0	0
8	0	900	0 8	0,5	0
8	0	900	0 9	1	0

3D-graphic:

