

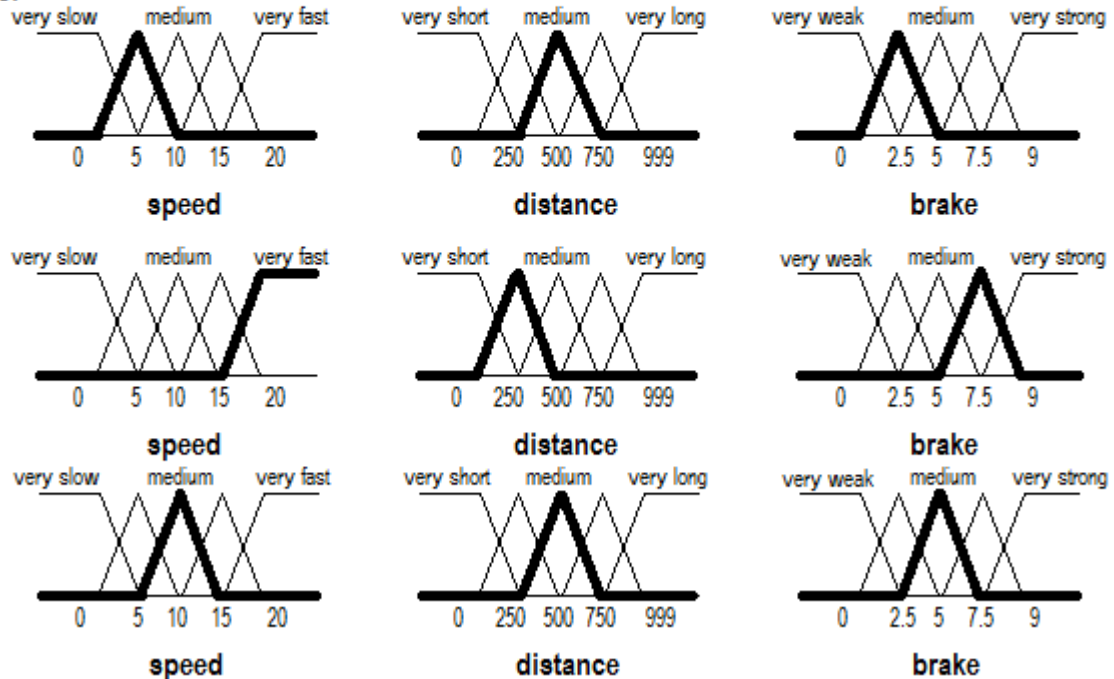
1. Rules:

- 1) IF speed slow AND distance medium THEN brake weak.
- 2) IF speed very fast AND distance short THEN brake strong.
- 3) IF speed medium AND distance medium THEN brake medium.

2. Memberships:



rules:



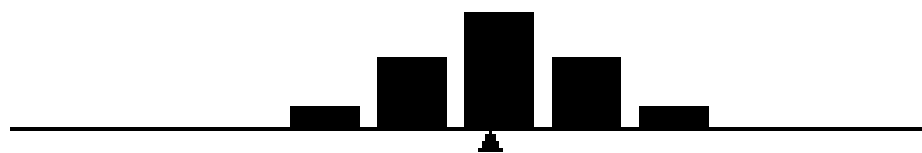
3. Big table:

Rule 1							Rule 2							Rule 3							M
V	μ	a	μ	x	μ	M	V	μ	a	μ	x	μ	M	V	μ	a	μ	x	μ	M	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
0	0	0	0	2	1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0
0	0	0	0	3	1	0	0	0	0	0	3	0	0	0	0	0	0	3	0,2	0	0
0	0	0	0	4	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0,6	0	0
0	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	5	1	0	0
0	0	0	0	6	0	0	0	0	0	0	6	0	0	0	0	0	0	6	0,6	0	0
0	0	0	0	7	0	0	0	0	0	0	7	1	0	0	0	0	0	7	0,2	0	0
0	0	0	0	8	0	0	0	0	0	0	8	1	0	0	0	0	0	8	0	0	0
0	0	0	0	9	0	0	0	0	0	0	9	0	0	0	0	0	0	9	0	0	0
0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0
0	0	1	0	2	1	0	0	0	1	0	2	0	0	0	0	1	0	2	0	0	0
0	0	1	0	3	1	0	0	0	1	0	3	0	0	0	0	1	0	3	0,2	0	0
0	0	1	0	4	0	0	0	0	1	0	4	0	0	0	0	1	0	4	0,6	0	0
10	0	516	1	3	1	0	10	0	516	0	3	0	0	10	1	516	1	3	0,2	0,19	0,2
10	0	516	1	4	0	0	10	0	516	0	4	0	0	10	1	516	1	4	0,6	0,56	0,6
10	0	516	1	5	0	0	10	0	516	0	5	0	0	10	1	516	1	5	1	0,94	0,9
10	0	516	1	6	0	0	10	0	516	0	6	0	0	10	1	516	1	6	0,6	0,56	0,6
10	0	516	1	7	0	0	10	0	516	0	7	1	0	10	1	516	1	7	0,2	0,19	0,2
10	0	516	1	8	0	0	10	0	516	0	8	1	0	10	1	516	1	8	0	0	0
10	0	516	1	9	0	0	10	0	516	0	9	0	0	10	1	516	1	9	0	0	0
10	0	517	1	0	0	0	10	0	517	0	0	0	0	10	1	517	1	0	0	0	0
10	0	517	1	1	0	0	10	0	517	0	1	0	0	10	1	517	1	1	0	0	0
10	0	517	1	2	1	0	10	0	517	0	2	0	0	10	1	517	1	2	0	0	0
10	0	517	1	3	1	0	10	0	517	0	3	0	0	10	1	517	1	3	0,2	0,19	0,2
10	0	517	1	4	0	0	10	0	517	0	4	0	0	10	1	517	1	4	0,6	0,56	0,6
10	0	517	1	5	0	0	10	0	517	0	5	0	0	10	1	517	1	5	1	0,94	0,9
10	0	517	1	6	0	0	10	0	517	0	6	0	0	10	1	517	1	6	0,6	0,56	0,6
10	0	517	1	7	0	0	10	0	517	0	7	1	0	10	1	517	1	7	0,2	0,19	0,2
20	0	998	0	5	0	0	20	1	998	0	5	0	0	20	0	998	0	5	1	0	0
20	0	998	0	6	0	0	20	1	998	0	6	0	0	20	0	998	0	6	0,6	0	0
20	0	998	0	7	0	0	20	1	998	0	7	1	0	20	0	998	0	7	0,2	0	0
20	0	998	0	8	0	0	20	1	998	0	8	1	0	20	0	998	0	8	0	0	0
20	0	998	0	9	0	0	20	1	998	0	9	0	0	20	0	998	0	9	0	0	0
20	0	999	0	0	0	0	20	1	999	0	0	0	0	20	0	999	0	0	0	0	0
20	0	999	0	1	0	0	20	1	999	0	1	0	0	20	0	999	0	1	0	0	0
20	0	999	0	2	1	0	20	1	999	0	2	0	0	20	0	999	0	2	0	0	0
20	0	999	0	3	1	0	20	1	999	0	3	0	0	20	0	999	0	3	0,2	0	0
20	0	999	0	4	0	0	20	1	999	0	4	0	0	20	0	999	0	4	0,6	0	0
20	0	999	0	5	0	0	20	1	999	0	5	0	0	20	0	999	0	5	1	0	0
20	0	999	0	6	0	0	20	1	999	0	6	0	0	20	0	999	0	6	0,6	0	0
20	0	999	0	7	0	0	20	1	999	0	7	1	0	20	0	999	0	7	0,2	0	0
20	0	999	0	8	0	0	20	1	999	0	8	1	0	20	0	999	0	8	0	0	0
20	0	999	0	9	0	0	20	1	999	0	9	0	0	20	0	999	0	9	0	0	0

4. Small table:

v	a	x	μ
13	666	0	0
		1	0
		2	0
		3	0,07
		4	0,2
		5	0,34
		6	0,2
		7	0,07
		8	0
		9	0

5. Balance



Point of balance = 5