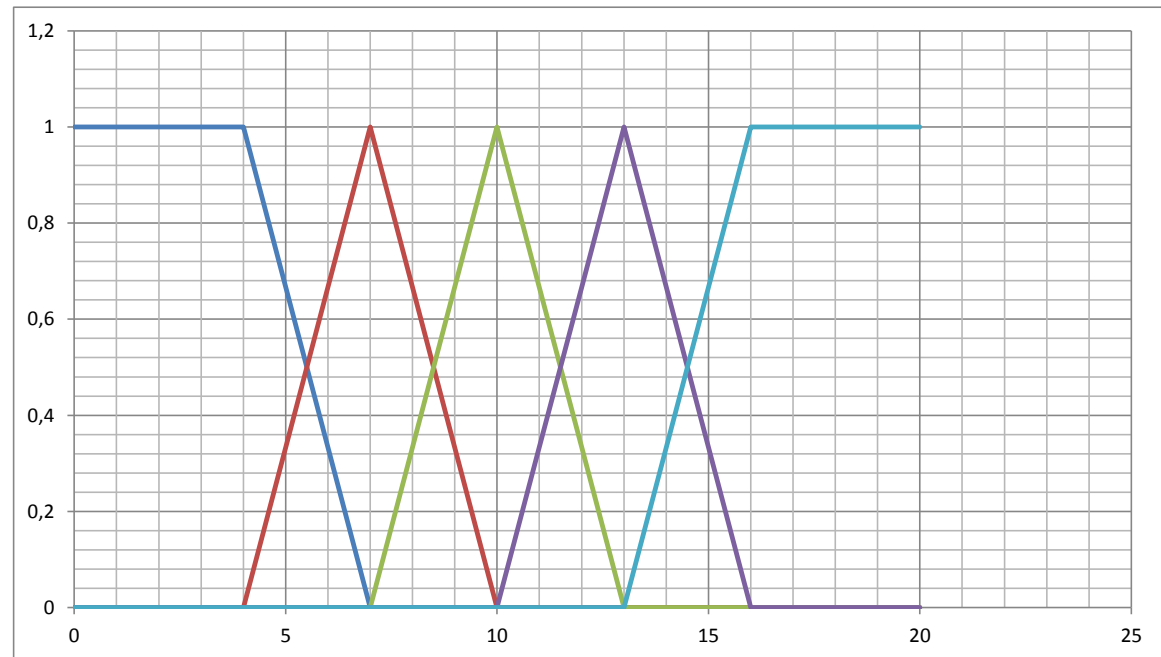
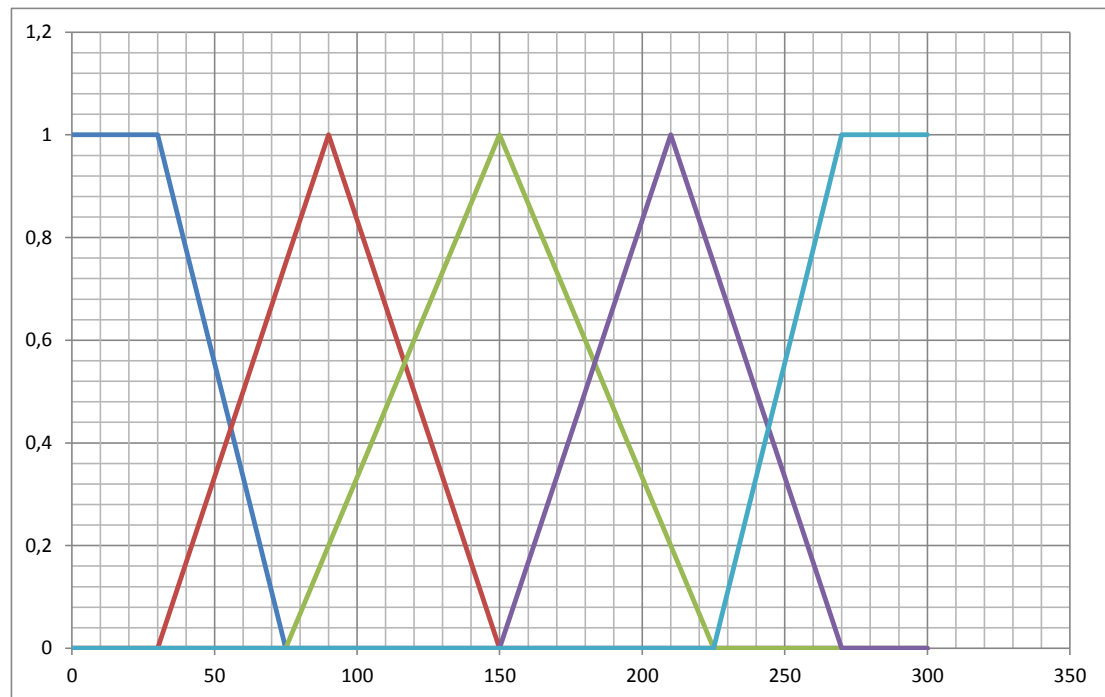


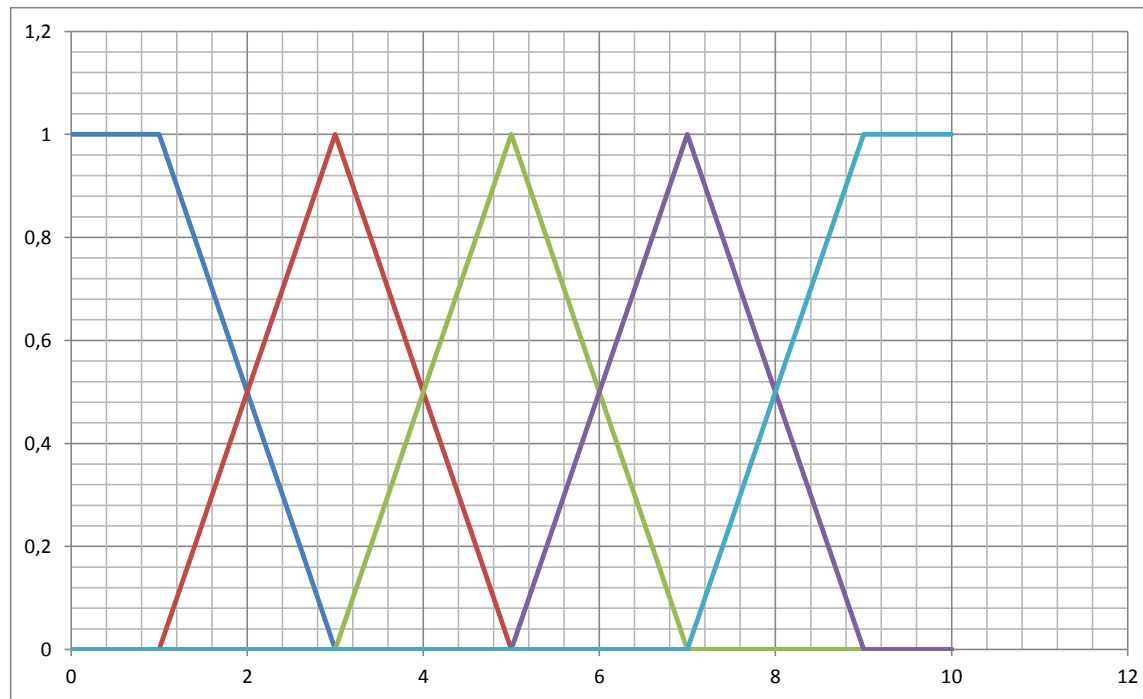
Speed	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
very slow	1	1	1	1	1	0,6667	0,3333	0	0	0	0	0	0	0	0	0	0	0	0	0	0
slow	0	0	0	0	0	0,3333	0,6667	1	0,6667	0,3333	0	0	0	0	0	0	0	0	0	0	0
medium	0	0	0	0	0	0	0	0	0,3333	0,6667	1	0,6667	0,3333	0	0	0	0	0	0	0	0
fast	0	0	0	0	0	0	0	0	0	0	0	0,3333	0,6667	1	0,6667	0,3333	0	0	0	0	0
very fast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,3333	0,6667	1	1	1	1	1
c	4	13	4	7	10	*vertices of the figures															
d	7	16	10	13	16																



Distance	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
very shot	1	1	1	0,6667	0,3333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
short	0	0	0	0,25	0,5	0,75	1	0,75	0,5	0,25	0	0	0	0	0	0	0	0	0	0	0
medium	0	0	0	0	0	0	0,2	0,4	0,6	0,8	1	0,8	0,6	0,4	0,2	0	0	0	0	0	0
far	0	0	0	0	0	0	0	0	0	0	0	0,25	0,5	0,75	1	0,75	0,5	0,25	0	0	0
very far	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,3333	0,6667	1	1	1
c	30	225	30	75	150	*vertices of the figures															
d	75	270	150	225	270																



Brake	0	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8	8,5	9	9,5	10
very weak	1	1	1	0,75	0,5	0,25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
weak	0	0	0	0,25	0,5	0,75	1	0,75	0,5	0,25	0	0	0	0	0	0	0	0	0	0	0
medium	0	0	0	0	0	0	0	0,25	0,5	0,75	1	0,75	0,5	0,25	0	0	0	0	0	0	0
strong	0	0	0	0	0	0	0	0	0	0	0	0,25	0,5	0,75	1	0,75	0,5	0,25	0	0	0
very strong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,25	0,5	0,75	1	1	1
c	1	7	1	3	5	*vertices of the figures															
d	3	9	5	7	9																



**Sets of rules:**

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

IF distance is modern AND speed is modern THEN brake is weak

IF speed is very slow AND distance is far THEN brake is very weak

IF speed is fast AND distance is medium THEN brake is medium

IF speed is very slow AND distance is medium THEN brake is weak

IF speed is fast AND distance is short THEN brake is strong

IF speed is slow AND distance is medium THEN brake is weak

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

IF speed is fast AND distance is long THEN brake is medium

IF speed is very slow AND distance is medium THEN brake is weak

**Examples of data:**

	Speed	Distance	Brake	$\mu$
1	6	105	1	0,6667
2	12	15	8	0,3333
3	17	195	5	0,75
4	15	225	10	0,6667
5	4	285	3	0,75
6	16	45	7,5	0,5
7	10	135	8,5	0,6
8	5	30	5	0,6667
9	18	90	1	1
10	13	255	2,5	0,5
11	8	30	3	0,6667

$$= \mu = \min( \max(\mu_{\text{speed}(6)}); \max(\mu_{\text{dist}(105)}) ) * \max(\mu_{\text{brake}(1)}) = \min( 0,667; 0,75 ) * 1$$

**am I right?**