

1.

2.

PC2054244

3.

/

96

/3.5

4.

8

88

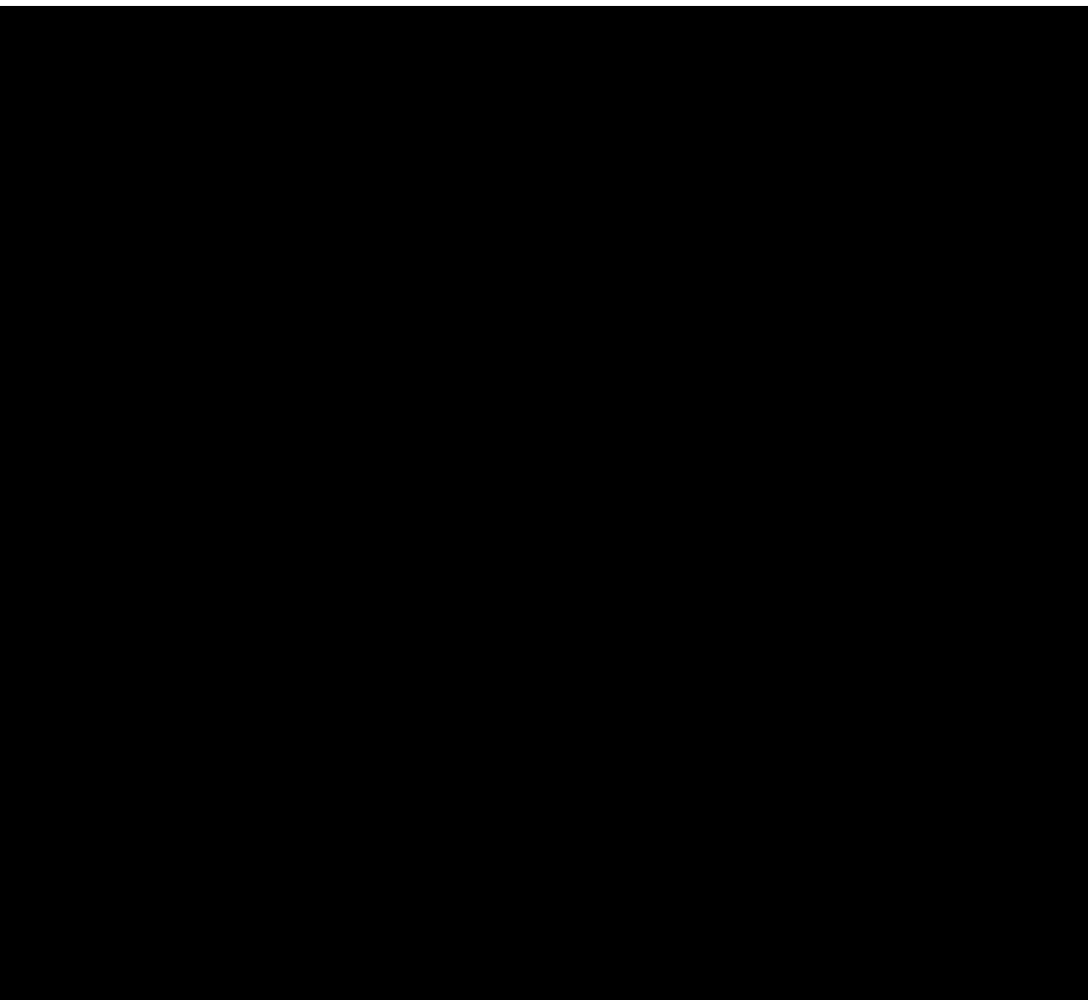
5.

6.

1	3.1	3
2	8.3	8

(1)

1



		(2)			
5		(1) (2)	8		1 2
6		(1) (2)	30		1 2
7	180 180	(1) (2)	30		1 2
8			10		1

	180	90	180	(1) (2)	2
9				(1) (2)	10 1 2

1.

(1)

(2)

(3)

(4)

(5)

2.

1	1	1	1 2 3	10%	15%	25%	50%
	3.1	2	1 2 3				
2	2	1	1 1 2 1	10%	15%	25%	50%
	8.3	2	1 2 2 2				
				20%	30%	50%	100

1.

4

5%

20%

2.

1

1

1/3(1/3)

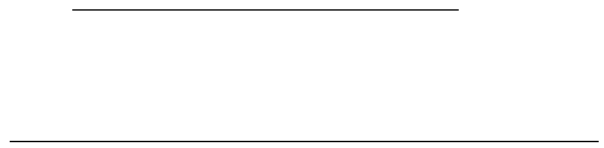
0

2

30%

3.

50%



1
2

A B C
D E F
A1 B1 C1

1 D1 E1 F1

2

1		$A=100 \times 10\%$	$A_1=$ $\times 10\%$	1 $= (A_1+B_1+C_1) (A+B+C)$
		$B=100 \times 15\%$	$B_1=$ $\times 15\%$	
		$C=100 \times 25\%$	$C_1=$ $\times 25\%$	
2		$D=100 \times 10\%$	$D_1=$ $\times 10\%$	2 3 $= (D_1+E_1+F_1) (D+E+F)$
		$E=100 \times 15\%$	$E_1=$ $\times 15\%$	

		$F=100 \times 25\%$	$F_1=$ $\times 25\%$	
		100	$A_1+B_1+C_1+D_1+E_1+F_1$	$=$ $(A_1+B_1+C_1+D_1+E_1+F_1)(A+B+C+D+E+F)$

100

1.

[M]. 2015. 3

2.

[1] [M]. 2015. 8

[2] [M]. 2010. 7

陈永军

周雪华

Handwritten signature

25%

1			3-4	5-6	6	25
3.1		1-2				

1. 9.8
— 0.5 — 1.0 — 1.0 —
0,5 — 0.5 — 1.5 — 2.0 — 1.8

2.

1		1.0		1 2 3	0.3 0.3 0.2
2		1.0		1 2	0.4 0.3
3		0.5			0.3
4		1.0		1 2	0.3 0.4
5		2.0	2	1 2 3 4	0.5 0.5 0.5 2.0
6		0.5			0.3
7		0.5	135	1 2	0.2 135 0.2

8

1.5

2

				2	0.8
				3	0.5
3		0.5			0.3
4		1.5		1	0.5
				2	0.5
5		1.0		1	0.3
				2	0.5
				150	
6		2.5	2	1	0.5
				2	0.6
7		0.3		1	0.1
				2	0.1

1. 9.8

1.0 — 2.5 — 1.0 — 180°
 2.0 — 1.5 — 180° 1.8

2.

1		1.0		1	0.3
				2	0.3
				3	0.2
2		2.5		1	0.5
				2	0.8
				3	0.8
3		1.0		1	0.2
				2	0.3
				3	0.4
4	180°	2.0		1	0.8
				2	0.8
5		1.5		1	0.4
				2	0.5
				3	0.5
6	180°	1.8		1	0.4

				2	0.6
				3	0.6

1. 9.8

— 180° 1 1.5 — 3 — 0.5 — 1 — 1.8

2.

1		0.5		1 2 3	0.2 0.1 0.2
2		1.0		1 2 3	0.3 0.3 0.2
3		1.5		1 2	0.3 0.5
4		1.0		1 2	0.3 0.3
5	180°	1.0		1 2	0.3 0.3
6		3.0		1 2 3	0.6 1.5 0.5
7		1.8		1 2 3	0.4 0.6 0.6

1.

1	2-3	3.0		1. 2.	1.5 1.0	1. 2.	0.8 0.8

2		0.5		1. 2.	0.2 0.3		
3		1.5		1. 2.	0.6 0.8		
4		2.0		1. 2.	1.0 0.8	1. 2.	0.5 0.5
5		1.0		1. 2.	0.6 0.2	1. 2.	0.3 0.3
6		1.8		1. 2.	0.3 1.0	1. 2.	0.8 0.8

2.

1		2.0		1. 2.	0.3 0.5	1. 2.	0.5 0.5
2	180°	1.0		1. 2.	0.5 0.8	1. 2.	0.3 0.3
3		2.0		1. 2.	0.8 0.5	1. 2.	0.5 0.5
4		0.5		1. 2.	0.2 0.2	1. 2.	0.2 0.2

5		2.5		1. 2. 3.	0.4 0.5 0.5	1. 2.	1.0 1.0
6	180°	1.8		1. 2. 3.	0.4 0.6 0.6	1. 2.	0.5 0.5

1.

1		1.5		1. 2.	0.3 0.5	1. 2.	0.5 0.5
2		1.5		1. 2.	0.8 1.0	1. 2.	0.5 0.5
3		0.5			0.3		
4		2.5		1. 2.	1.0 0.8	1. 2.	0.8 0.8
5	180	0.5		1. 2.	0.1 0.3		
6		2.0	2	1. 2.	0.5 0.6	1. 2.	0.8 0.8

				3. 4. 2	0.5 2.0		
7		1.3		1. 2.	0.6 0.5	1. 2.	0.4 0.4

2.

1		2.5		1. 2. 3.	0.6 0.4 0.6	1. 2.	1.0 0.8
2		2.0		1. 2.	0.3 0.4	1. 2.	0.6 0.6
3	180	2.0		1. 2. 3.	0.3 0.5 0.5	1. 2.	0.6 0.6
4		1.3		1. 2.	0.4 0.3	1. 2.	0.5 0.5
5		2.0		1. 2. 3.	0.3 0.6 0.5	1. 2.	0.6 0.8