

常州工学院

2019

1001001				.....	3
1002002				.....	15
1002003				.....	26
1001004				.....	35
1002915	1002925	1002935	1002945	.....	47
1101001	I			.....	55
1101002				.....	58
1102001				.....	62
1102002				.....	64
0604001	A	I		.....	66
0604002	A	II		.....	70
0801001	A			.....	74
0801002	A			.....	80
0802001	A			.....	86
0802601	A			.....	101
0802602	A			.....	108
0301004		(C)		.....	114
2201001				.....	122
2201002				.....	127
0000002				.....	132
0000004				.....	137
0000005				.....	143
0107012	B			.....	144
0107025				.....	150
0102003				.....	156
0101206				.....	162
2201003				.....	205
0209601		A		.....	212
0107032				.....	220
2201005				.....	229

2201006		.....	239
0101204		.....	248
2201008		.....	242
2201009		.....	249
2201010		.....	256
2201011		.....	263
2201012		.....	269
0503002		.....	276
2201013		.....	286
0801008		.....	293
0801007		.....	298
2202202		.....	303
2201014		.....	309
2201015		.....	315
2201017		.....	322
2201016		.....	328
2201018		.....	341
0000001		.....	348
2201019		.....	353
0108002		.....	357
0210701	A	.....	364
2201020		.....	369
0503003		.....	373
2201021		.....	375
2201022	I	.....	379
2201023	II	.....	383
0107033		.....	387
2201024			391
2201025	()		395

1001001

1001001

Political Theory and Basic Law Education

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30%+ 30%+ 20%

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		20%	10% 30% 60%	7-1、8-1
40%		100%		7-1、8-1

0.6

$$= \frac{\times + \times}{\times (+)}$$

Ai= i

Bi= i

1. 1-4 [M]. 1991

2. 1-3 [M]. 1995
3. 1-3 [M]. 2006
4. 1-3 [M]. 2016
5. [M]. 2018
6. [M].
2019

2019.8

1002002

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		1			
		1			
		1			

1			6	8-1		
2			6	8-1		

1

2

1		1 2 3 4
2		
3		1 a b c 2 a b c
4		
5		

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20%+

=

30%+

=

60%+

30%+

40%

20%

	/		/	
60%		20%	205	8-1
		30%		8-1
		30%	50%50%	8-1
		20%	10%30%60%	8-1
40%		100%		8-1

0.6

i

=

× Ai+

× Bi

100 × (Ai+ Bi)

$$A_i = \frac{1}{n} \sum_{j=1}^n a_{ij}$$

$$B_i = \frac{1}{n} \sum_{j=1}^n b_{ij}$$

1. [M].
 2. 1-4 [M]. 1991
 3. 1-3 [M]. 1995
 4. [M]. 2018
 5. [M].
- 2019

2019.8

1002003

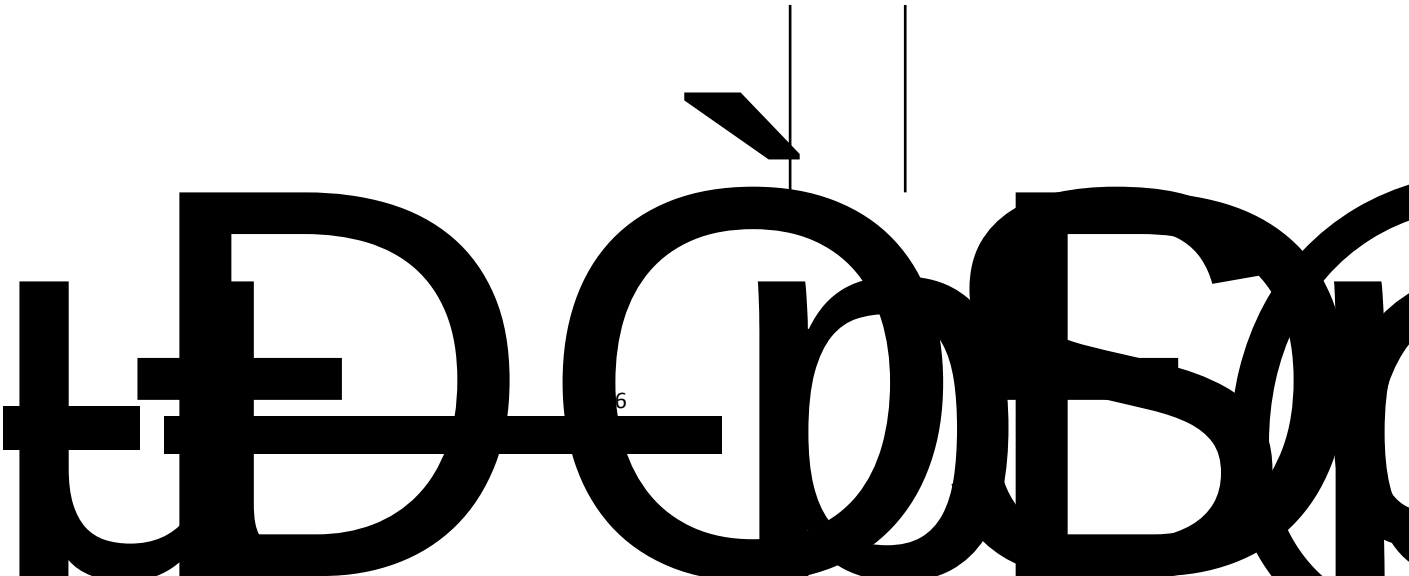
Introduction to Basic Principles of Marxism

$$i = \frac{\times Ai+ \times Bi}{100 \times (Ai+ Bi)}$$

2019.8

100%

Introduction to Mao Zedong Thought and Theoretical System of
Soc Sci



$$i = \frac{\times Ai + \times Bi}{100 \times (Ai + Bi)}$$

2019.8

1002915	1002925	1002935	1002945
---------	---------	---------	---------

1002915 1002925 1002935 1002945

1002915 1002925 1002935 1002945

2

32

1

2

3

6-1

7-2

8-2

	1	2	3
6-2	√		
7-1		√	
8-2			√

1.

2.

- 1
- 2
- 3

1.

2.

- 1 “ ”
- 2
- 3
- 4

1. “ ”

“ ”

“ ”

2.

1 “ ”

2 “ ”

3 “ ”

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1.

2025 “ ”

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“ +”

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1 “ +”

2 “ +”

3 “ +”

4 “ +”

“ +”

“ +”

1.

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3

1.

2.

1

2

3

4

1		1 2 3	6-1 7-2 8-2	2	16
2		1 2 3	6-1 7-2 8-2	2	
3	“ ”	1 2 3	6-1 7-2 8-2	2	
4		1 2 3	6-1 7-2 8-2	2	
5		1 2 3	6-1 7-2 8-2	2	
6	“ +”	1 2 3	6-1 7-2 8-2	2	
7		1 2 3	6-1 7-2 8-2	2	
8		1 2 3	6-1 7-2 8-2	2	

1			16	6-1 7-2 8-2		
2			16	6-1 7-2 8-2		
3			16	6-1 7-2 8-2		

1

2

	1
	2
1	
	3
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	1
	2
2	3
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	1
	a
	b
	c
3	2
	a
	b
	c

40%		1	50% 10%	40%	6-1 7-2 8-2
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$$i = \frac{\times Ai+ \times Bi}{100 \times (Ai+ Bi)}$$

$$Ai= \times i$$

$$Bi= \times i$$

- 1.
- 2.
3. “ ”
4. “ ”
- 5.

1002925

I

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2017 7

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2018.10

1101002

Physical Education II

2017 7

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2.

180

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1		2	12	10	10	2	6

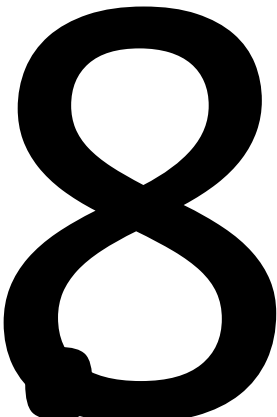
		1. 2. 3. 4.

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180



I II

	100-90	80-70	60-69	50-59	40-0

1102001

1102001

Physical Education III

2017 7

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- 1.
- 2.
- 3.
- 4.

- 1.
- 2.
- 3.

1		1	2
2		2	12
3		2	4
4		4	4
5		3	12
6			2

$$= \frac{60\%}{10\%} \times 40\% + \frac{20\%}{10\%} \times 60\%$$

2018.10

1102002

1102002

Physical Education IV

2017 7

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- 1.
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- 1.
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- 3.

1		1	2
2		2	12
3		3	4
4		4	4
5		2	12
6		1	2

$$\begin{array}{ccccccc}
 & & 60\% & & & & 20\% \\
 10\% & & 10\% & & & & \\
 & = & & \times 40 \% + & & \times 60 \% &
 \end{array}$$

2018.10

0604001

0604001

A I

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10-3 12-1

10.	10-3	1	+
12.	12-1	2	+

(130 ~150)

100 70

120

300

250

1		16	16
2		12	12
3		20	20
4		16	16
		64	64

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100		10.3 10	
		12.1 10	
		10.3 10	
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		10.3 10	
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100		10.3 75 12.1 25	
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8		2007

1	/	http://www.icourse163.org/course/CZU-1001755263
2		
		https://bbclass.czu.cn/webapps/blackboard/content/listContentEditable.jsp?content_id=_65334_1&course_id=_1822_1
3	- Curriculum Center	
		http://www.jingpinke.com/xpe/portal/35b1a2a2-120d-1000-88a3-254b8298559b
4	-	
		http://www.xuetangx.com
5	CNMOOC_	
		http://www.cnmooc.org/home/index.mooc

2019.12

0604002

0604002

A II

64 4

10-3 12-1			
10.	10-3	1	+
12.	12-1	2	+

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A I

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<http://www.icourse163.org/course/CZU-1001755263>

2

https://bbclass.czu.cn/webapps/blackboard/content/listContentEditable.jsp?content_id=_65334_1&course_id=_1822_1

3

- Curriculum Center

<http://www.jingpinke.com/xpe/portal/35b1a2a2-120d-1000-88a3-254b8298559b>

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<http://www.xuetangx.com>

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CNMOOC_

<http://www.cnmooc.org/home/index.mooc>

2019.12

0801001

0801001

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A()

0801001

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2014.7

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1-1	√	√	√	√	√			

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1 Lagrange

2 L'Hospital

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1 Lagrange L'Hospital

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1		1-3	1-1	18	
2		1-5	1-1	12	
3		1-5	1-1	16	
4		1-3	1-1	14	
5		1-3	1-1	12	
6		1-5	1-1	8	
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0801002

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0801002

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	1	2	3	4	5			
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			100%	
		70 %		1-1

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2019.10

0802001

0802001

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0802001

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48

()()2014

()(5)2017

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1-1

1-2

1.	1.1	1	
2.	2.1	2	

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		10%	1-3 10%	1-1
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Ai= × i

Bi= 000 5(3000 % 2Å * Q&PP RpUY@* 42 RE -UWpUY@Ö3 Ö /S D[0 0W U* 78S Bvw 5z U* pò C 3PP 1 İ

2011.

4. . (). ,2015.

5. , . ()().

2006.

6. , . (). ,2004.

7. . (). 2007.

2019.12

0802002

0802002

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College Physics A

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0802002

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48

()()2014

()(5)2017

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3		1 2	1-1 2-1	9	
4		1 2	1-1 2-1	6	
5		1 2	1-1 2-1	12	
6		1 2	1-1 2-1	9	
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1		(4) (5) (6) 3.
2		(4) (5) (6) 3.
3		(3) (4) (4) (5) (6) 3.
4		

5		$\frac{1}{3}$ $\frac{1}{3}$ 0.6
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		10%	1-3 10%	1-1
		60%	60% 40%。	1-1 2-1

0.6

i

$$\frac{A_i \quad B_i}{A_i \quad B_i}$$

Ai=

×

i

Bi=

×

i

8. . ()(). 2014.
9. ()(5).
2017.
10. . .
2011.
11. . (). ,2015.
12. , . ()().
2006.
13. , . (). ,2004.
14. . (). 2007.

2019.12

0802601

A

Physical experiment A()

0802601

1.5

8

2017.1

1		3		1	4-3
2		1	2	1	4-3
3		1	2	1	4-3
4		1	2	1	4-3
5		1	2	1	4-3
6		1	2	1	4-3
7		1	2	1	4-3
8		1	2	1	4-3
		10	14		

1.

2.

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5		

$$= \quad \times 100\%$$

100%

2019.6

0802602

0802602

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0802602

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2017.1

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2

1		1	2	1	4-3
2		1	2	1	4-3
3		1	2	1	4-3
4		1	2	1	4-3
5		1	2	1	4-3
6		1	2	1	4-3
7		1	2	1	4-3
8		0	3	1	4-3
		7	17		

1.

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				20%	
		1	50%		1 40%
			20%	30%	

$$i = \frac{\times i + \times i + \times Ci}{100 \times (i + i + Ci)}$$

Ai= i
 Bi= i
 Ci= i

:0301004

0301004

(c)

(c)

C

2010

6

C

C

1.

C

2.

1-3

5-1

	1	2
	√	√
		√

C

1.

1 C

2.

1 C

2 [main()]

1.

1 C

2

3

4 (float double)

5

6

7

2.

1 C

2

3

4 (float double)

5

6

7

3.

1

2

C

1.

1

2 /

3

if

if

switch break

4

for while do while

break continue

goto

2.

1 C

2 [printf()/scanf()]

3

4

3.

1

1.

1

2

3

2.

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3

3.

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1.

1 return

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7 C

2.

1

2 return

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9

10 #include #include

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1.

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4

3.

1

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1	C	1	1.3	2	2
2		1	1.3	2	2
3	C	1	1.3	6	6
4		1 2	1.3 5.1	6	6
5		1 2	1.3 5.1	4	4
6		1 2	1.3 5.1	4	4
				24	24

1	C		2	1.3		
2			2	1.3		
3			6	1.3		
4			6	1.3 5.1		
5			4	1.3 5.1		
6			4	1.3 5.1		

1.

2. C

C

1		
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4		

5		
6		

$$= \quad \times 20\% + \quad \times 20\% + \quad \times 60\%$$

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	30%		10 5 4	
	70%	20%	3	1.3 5.1
		20 %	40% 40% 20%	1.3 5.1
		60 %	60% C	1.3 5.1

			30%	
			10%	

1. C

2010 6

2019.12

Introduction to Professional Career Development

2201001

1

16

16

2018.8

1.

2.

3.

11-1

12-1

	1	2	3
11-1	√		√
12-1	√	√	√

1.

2. :

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1		1 3	11-1 12-1	1	
2		2	12-1	1	
3		1 3	11-1 12-1	1	
4		1 3	11-1 12-1	1	
5		1 3	11-1 12-1	8	
6		3	11-1 12-1	4	
				16	

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	/		/		
		10%	20	10	12-1
		20%	30% 30% 3~5	40%	11-1
		70%	40%	40% 20%	11-1 12-1

0.6

()

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■ ■

被禁止

X

2201002

C A

2201002

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16

2019.2

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2.

3.

7-1

9-2

	1	2	3
7-1		√	
9-2	√		√

$$\vdots$$

2.

2014-11-17 10:00 TDr & EF #'Ôi€

1		1 2	7-1 9-2	3
2		3	9-2	3
3		3	9-2	3
4		2 3	7-1 9-2	3
5		1 3	9-2	4
				16

1.

2.

1		1
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		3
		4

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0.6

$$A_i = \dots i$$

$$B_i = \dots i$$

$$C_i = \dots \times i$$

$$1 \dots$$

0000002

Military Thought Progress

2019 8

- 1.
- 2.
- 3.
- 4.
- 5.

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4		1 5		5	0
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$$= \quad \times 30 \% + \quad \times 70 \%$$

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		70%		

2019.08

0000004

C ,

0000004
16

2018

- 1.
- 2.
- 3.
- 4.
- 5.

3-1 6-2 6-3

8-1

	1	2	3	4	5
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6-2	√	√			√

6-3	√				
8-1	√				√

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				16

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1		1 2 3
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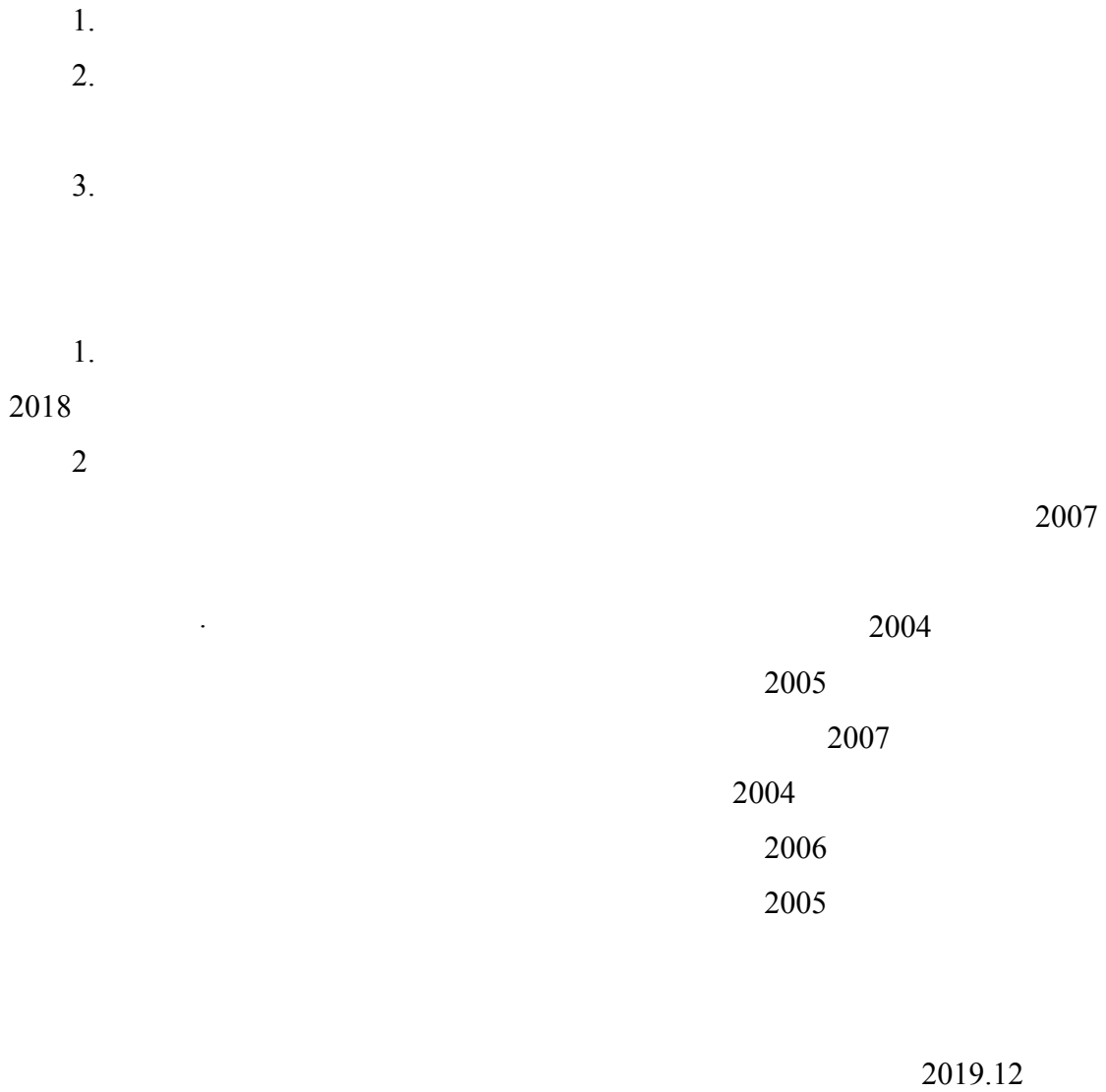
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Machine Drawing B

0107012
3.5
56

2017.7

- 1.
- 2.
- 3.
- 4.
- 5.

2-2

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1-3

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					2
					8
4			2 4 5	1-3 2-2	6
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					56

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2019.12

0107025

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0107025

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2014.1

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2.6.2

1		1	1-2	4
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3		1 4	1-2 4-1	12
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5		2 4	1-3 4-1	6
6		2	1-3	4
7		2 4	1-3 4-1	6
8		1 2	1-2 1-3	4
9		2 4	1-3 4-1	2
10		4	4-1	2
11		2	1-3	2
12		3	2-1	2
13		3	2-1	6
14		3 4	2-1 4-1	4
				64

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		3
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		10%	1-3 10%	1-2 1-3 2-1

Engineering Materials

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(3) / 3-2

(4)	4-1	3	+

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3		8		8
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5			2	2
6		4		4
7			2	2
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10		1		1
		28	4	32

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		1-2 10 4-2 5	

3-1 5 4-2 10

1-2 5 3-1 5 4-2

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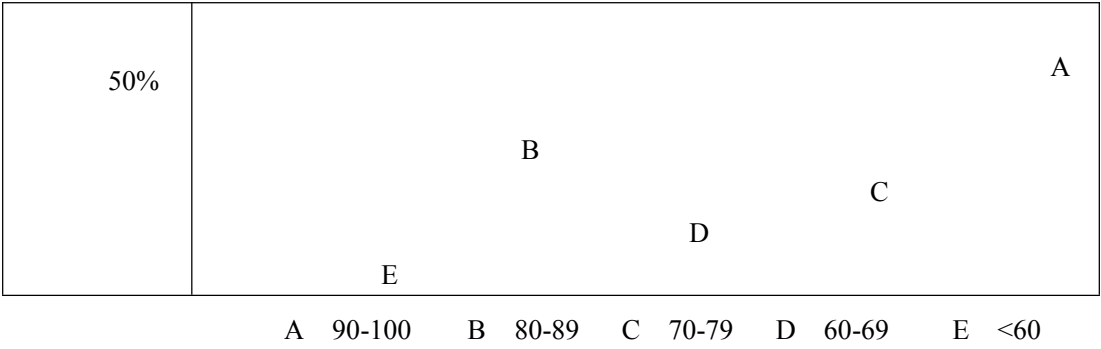
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20%	A B C D E
40%	

A 90-100 B 80-89



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[2] 2012.2
[3] 2013.8

2019.12

0101206

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4		3	1-2 1-3	6	2
5		2	1-2 1-3	2	
6		5	1-2 1-3	2	
7		4	1-2 1-3	4	
8		4	1-2 1-3	4	
9		5	1-2 1-3	2	
				28	4

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1		内 内 仪	2	1-3		
2		与	2	1-3		

主		
1		(1) 内 , 严 (2) 内 。借 专业书 , 依 写 , 写 。 内 、 、 、 、 内 、 作业、 。 (3) 内 ,
2		(1) 准 、 、 出, 例 。 (2) (、 例 、 、 体), 养 决 。 (3) 代信 。 (4) 便于 、 , 使 中, 保 为 习兴 。

3	作业与	作业，作业以下 ： (1) 作业，不交，不。 (2) 书写、。 (3) 作业下： (1) 作业全，。 (2) 作业、， 写。 (3) 作业作为中。
4		为了习况， 、习，养其 任一与。
5		为。 一。下况之一，不： (1) 交作业1/3以上。 (2) 1/3以上。 (3) 于0.6。

= 30%+ 10%+ 60%

	/ 价		/ 价	业
	作业	20%	10-25 个习，主 习、 ，全作业 再 20% 入。	1-2、1-3、4-3、6-1
		10%	以，内中 ，1-3，主 习， ，10% 入。	

Automobile Service Engineering

2017.7

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3.

3-2

3-3

4-3

	1	2	3
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3-3	√	√	
4-3		√	√

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3		1 2 3	3-2 3-3 4-3	4	
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5		1 2 3	3-2 3-3 4-3	2	

6		1 2 3	3-2 3-3 4-3	2	
7		1 2 3	3-2 3-3 4-3	2	
8		1 2 3	3-3 4-3	4	
9		1 2 3	3-2 3-3 4-3	4	
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		4
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		2
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4		
5		1 2

= ×30% + ×70%

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		10%	10%	3-3
		20%	3~4 15~20	3-2 4-3
		70%	70%	3-2 3-3

0.6

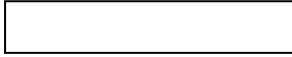
$$= \frac{\times + \times}{\times (+)}$$

$$A_i = \times i$$

$$B_i = \quad \times \quad i$$

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2	.	.	.2016.03.

2019.12



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60%

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				√	√	√		

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2		2	1-2	16	
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4		4	1-2	10	
5		5	4-1	6	
6		6	4-1	8	
				56	

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$$= \quad \times 30\% + \quad \times 70\%$$

$$80\%$$

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			20%	
		70%	70%	1-2 4-1

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$$= \frac{\quad \times \quad + \quad \times \quad + \quad \times \quad}{\quad \times \left(\quad + \quad + \quad \right)}$$

$$A_i = \quad \times \quad i$$

$$B_i = \quad \times \quad i$$

$$C_i = \quad \times \quad i$$

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2019.12

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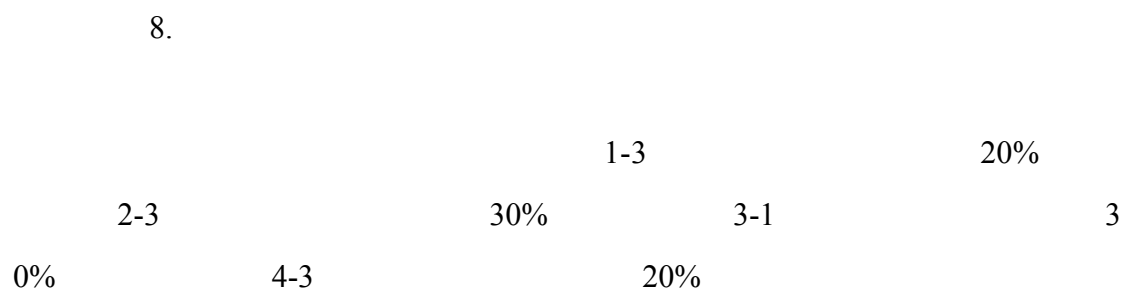
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2		2	2-3 4-3	8	
3		3 5	1-3 3-1	8	

4		1 8	3-1 4-3	4	1
5		3 7	1-3 2-3	6	
6		7	2-3 3-1	4	
7		1 3	3-1 4-3	6	
8		5	1-3 2-3	4	
9		3 4 5	1-3 2-3	6	
10		4 8	2-3 3-1	6	
11		7 4 5	2-3 4-3	6	1
				62	2

1			1	3-1		
2			1	4-3		

1		1 2 3

2		1 2 3 4
3		1 2 3 1 2 3
4		
5		1 2 3 1/3 1/3 0.6

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×20%+

×60%

	/		/	
		10%	20-30	1-3
			10%	

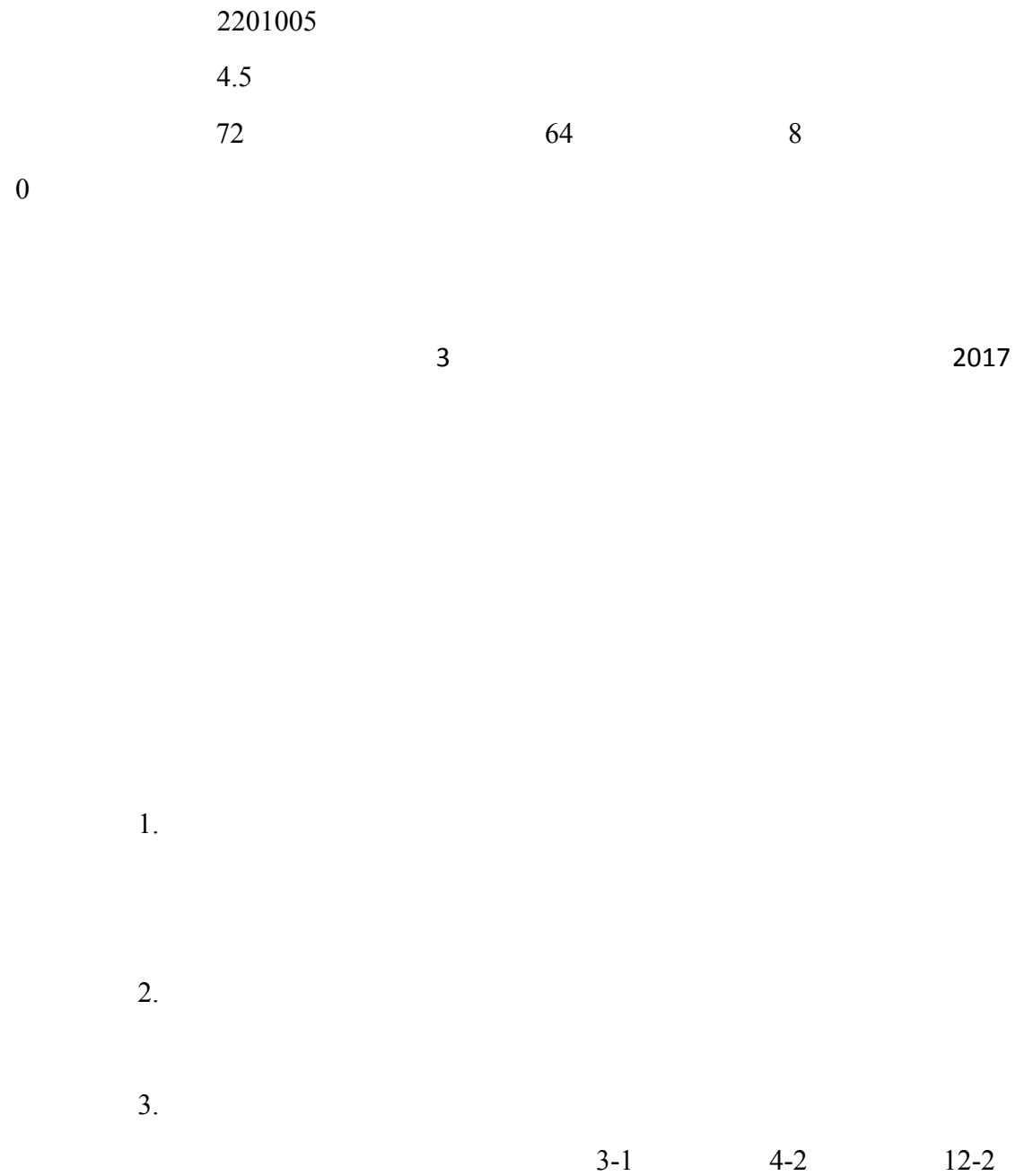
		10%	1-3 10%	1-3
		20%	3 3 20%	2-3 3-1
		60%	60% 30% 20% 10% 30% 40%	1-3 2-3 3-1 4-3

0.6

$$\begin{aligned}
 A_i &= \quad \times \quad i \\
 B_i &= \quad \times \quad i \\
 C_i &= \quad \times \quad i
 \end{aligned}$$

2019.12

Structure of Automobile



	1	2	3					
3-1	√							
4-2	√	√	√					
12-2			√					

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3		1 2 3	3-1 4-2 12-2	4	2
4		1	3-1	4	
5		1 2 3	3-1 4-2 12-2	4	2
6		1	3-1	4	
7		1	3-1	2	
8		1	3-1	2	
9		11	3-1	6	
10		1 3	3-1 12-2	2	
11		1	3-1	8	
12		1	3-1	8	
13		1	3-1	6	
14		1 2 3	3-1 4-2 12-2	6	2
15		1	3-1	2	
				64	8

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$$= \quad \times 30\% + \quad \times 10\% +$$

$$\times 60\%$$

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		15%	15%	3-1 12-2
		15%	5~6 20~30	3-1
		10%	3 3 10%	4-2 12-2

		60%	60%	3-1 4-2 12-2
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1	2008
2	2009
3	2011

2019.12

Theory of Automobile

2017

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4-2

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	1	2	3	4				
				√				
	√	√	√					
		√	√					
			√					
	√			√				

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4		1 3	3-1 4-1 4-2	8	2
5		1	2-2 3-1	4	
6		1	3-1	8	
7		2 4	2-2 5-1	4	
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				42	6

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10-2				√	

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		42	6	48

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$$= \quad \times 20\% + \quad \times 20\% + \quad \times 60\%$$

2201008

Automotive Electrical and Electronic Equipments

2017

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5		3	3-1 3-2 3-3	6	2
6		3	3-1 3-2 3-3	4	

7		2 4	3-1 6-1 6-4	2	
8		2 4	3-1 6-1 6-4	2	2
				32	8

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3			2	2-1 3-1 4-2		
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5		11/3 21/3 30.6

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			4 20%	4-2
		60%	60%	3-1 4-1 5-1

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Ai=	×	i
Bi=	×	i
Ci=	×	i

Automobile Insurance and Claims Settlement

2201009

12-2

	1	2	3	4	5
1-2				√	√
2-3					√
3-3		√			√
6-2	√	√	√	√	
8-3		√	√	√	√
9-1		√	√		
10-2		√	√		√
11-2		√	√		√
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1

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3

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2

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1

	3		
	1		
	2		
2	3		
	4		
	1		
	2		
3	3		
	1		
	2		
	3		
4			
5	1	1/3	
	2		1/3

			20%	
		70 %	70%	6-2 11-2

0.6

$$\begin{array}{lcl}
 A_i = & & \times \quad i \\
 B_i = & & \times \quad i
 \end{array}$$

2201010

A E C

2201010

3.0

48

40

8

0

2016.12

1.

2.

3.

3-1

4-1

6-1

	1	2	3					
3-1								
4-1								
6-1								

1.

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3

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1

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3

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1

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3

(ECU)

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5

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1

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1.

1 (ISC) 2 3 4
5 6

2.

1 2
3

ABS

1.

1 ABS 2 ABS

2.

1 ABS 2 ABS

ASR

1.

1 ASR 2 ASR 3

2.

1 ASR 2 ASR 3

1.

1 2 3
4 5 6
7 8
9 CVT 10 DSG

2.

1 2
3 4 5

8 6 7 9 10

11 12

13 DSG SRS

1.

1 M E 2

3

2.

1 M E ; 2

3

() CCS

1.

1 2 3

2.

1 ECU 2

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1 2

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1 2

1.

1 2

2.

1 2

1				2	
2				6	2
3				4	2
4				3	
5	ABS			4	2
6	ASR			2	
7				8	2
8	SRS			2	
9	CCS			2	
10				4	
11				3	
				40	8

1		1
		2
		3
2		1
		2
		3
		4

3		1 2 3 1 2 3
4		
5		11/3 21/3 30.6

$$= \qquad \times 20\% + \qquad \times 20\% + \qquad \times 60\%$$

$$\qquad \qquad \qquad / \qquad \qquad \qquad /$$

$$10\% \qquad \qquad \qquad 6-1$$

$$\begin{array}{l}
10\% \\
4\sim 5 \qquad \qquad \qquad 20\sim 30 \\
10\% \\
10\%
\end{array}$$

			60%	
--	--	--	-----	--

0.6

$$i = \frac{\times A_i + \times B_i}{100 \times (A_i + B_i)}$$

A_i=

×

i

B_i=

×

i

1

3

.

.

.2018.10.

2

.

.

. 2018.9.

3

.

.

.2017.9.

2019.12

Automobile Sensor and Testing Technology

2201011

3.0

48

42

6

2017.6

1.

2.

3.

4.

3-1

4-2

6-1

11-2

	1	2	3	4
3-1				
4-2				
6-1				
11-2				

1.

2.

1.

2.

1.

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1.

2.

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2.

1.

EMC

2.

EMC

1		1	3-1	3	
2		1 2 4	3-1 6-1 11-2	9	2
3		2 3	3-1 6-1	3	
4		1 2 3	3-1 4-2 6-1	6	
5		2 3	3-1 6-1	3	

6		2 3	3-1 6-1	3	
7		2 3	3-1 6-1	6	
8		2 4	3-1 4-2 11-2	9	4
				42	6

1			2	6-1		
2			2	3-1 4-2		
3			2	3-1 4-2		

1		1
		2

		3
2		1 2 3 4
3		1 2 3 1 2 3
4		
5		1 2

1/3

1/3

$$= \quad \times 20\% + \quad \times 20\% + \quad \times 60\%$$

/

/

10% 6-1

10% 10% 4~5 20~25 6-1

			10%	
		20%	3 3 20%	3-1 4-2 6-1
		60%	70%	3-1 6-1 11-2

0.6

$$= \frac{\begin{matrix} \times & + & \times \\ \times & (& + &) \end{matrix}}{\begin{matrix} \times & & i \\ \times & & i \end{matrix}}$$

$A_i =$
 $B_i =$

1 . . .2017.06.
2 . . .2013.08.

2019.12

2201012

2201012

A F D

2017

- 1.
- 2.
- 3.
- 4.

1-2 2-1 3-1

4-2	5-1	6-1						
	1	2	3	4				
				√				
	√	√	√					
		√	√					
			√					
	√			√				

1.

1

2

3

2.

1

2

3

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1

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1

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2

1		1	1-2 6-1	4	
2		1 3	1-2 3-1 3-3	8	2
3		1 3	1-2 3-2 3-3	10	2
4		1 3	1-2 4-2 5-1	8	2
5		3 4	3-1 3-2 6-4	6	2
6		3 4	3-1 3-2 6-4	4	
				40	8

1			2	2-1 3-1 4-2		
2			2	2-1 3-1 4-2		
3			2	2-1 3-1 4-2		
4			2	2-1 3-1		

				4-2		
--	--	--	--	-----	--	--

1

1

$$C_i = \quad \times \quad i$$

1	.	.	.2017.
2	.	.	.2015.
3	5	.	.2018.06.

2019.12

0503002

0503002

- 1.
- 2.
- 3.
- 4.
- 5.

		1	10%	2
10%	4		20%	5
/20%	6		30%	10
20%	12		10%	

	1	2	3	4	5			
	√	√	√					
	√	√	√	√	√			
		√	√	√	√			
		√	√	√	√			
				√	√			
				√	√			
		√	√	√	√			

1.

1

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3 SWOT

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1		1 5	1 2 6	3	
2		1 2 4 5	1 2 3 5 6	6	
3		1 4 5	1 2 3 5	6	
4		1 2 4 5	1 2 3 4 6	3	
5		4 5	2 3 5 9 10	3	
6		1 3 4 5	1 2 4 5 6 12	6	
7		1 3 4 5	1 2 4 5 6 12	6	
8		1 3 4 5	1 2 4 5 6 12	6	
9		1 3 4 5	1 2 4 5 6 12	6	
10		1 4 5	1 2 4 5 6 9 10 11 12	3	
				48	

1

2
3

5

PPT

1		
2		1 2 3 4 5 6 7
3		1 2 3 1 2 3
4		

5		11/3 21/3 30.6
6		

=

× 30 % +

×70 %

	/		/	
		30%	1070% 30%15-20 1-10	1、 2、 4、 5、 6、 12
		70%	7% 20%20% 50%10%	1、 2、 4、 5、 6

1 : 16

2015

2

2013

3

2014

2019.12

2201013

A

2018 02

1.

2.

3.

4.

1-2 3-1 4-1 6-1 8-3 11-2 12-2

	1	2	3	4
1-2.	✓	✓	✓	✓
3-1.		✓	✓	
4-1.		✓		
6-1.	✓	✓		
8-3.		✓	✓	✓
11-2.	✓	✓	✓	
12-2.		✓	✓	

1.

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1		1	1-2	2	0
2		1 2	1-2	2	0
3		1	6-1	4	0

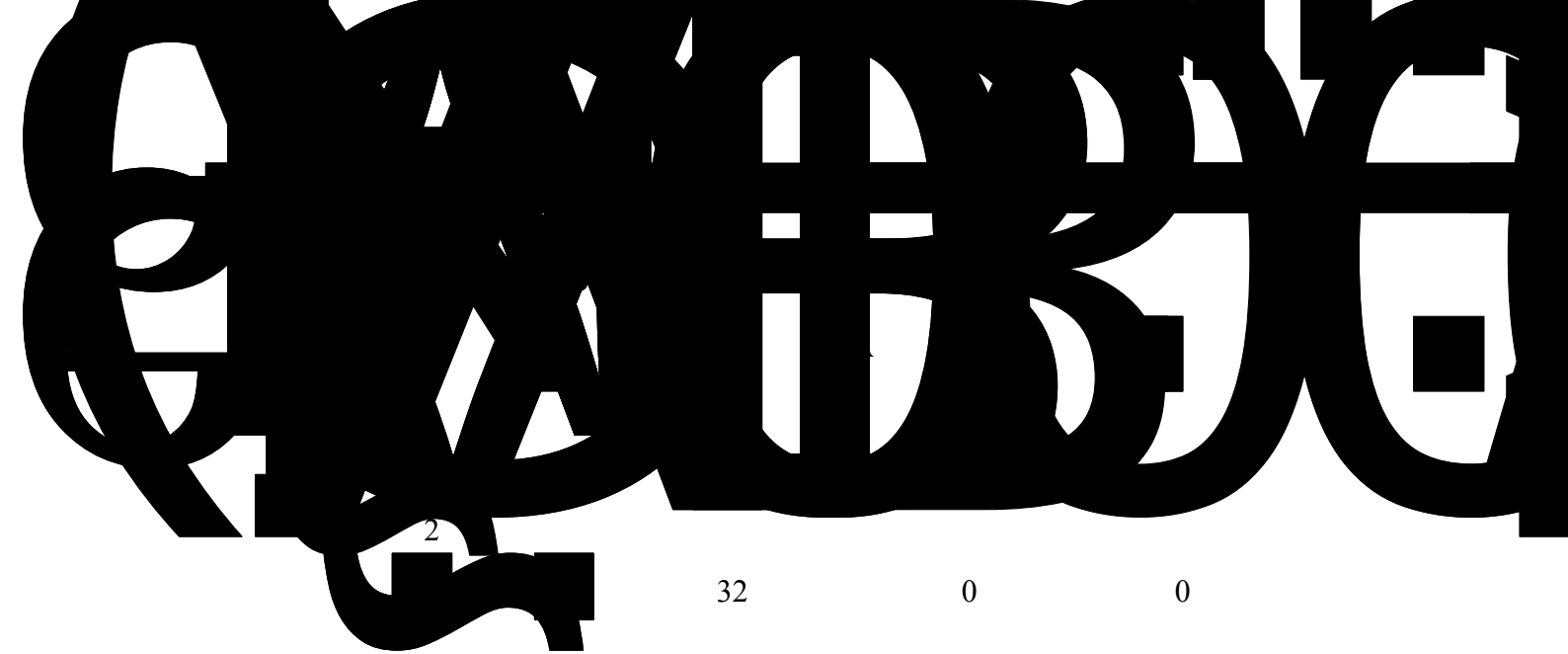
4		1 2	1-2 11-2	8	0
5		1	1-2 11-2	4	0
6		3	3-1 4-1	6	0
7		3	3-1 4-1	4	0
8		4	3-1 8-3 12-2	2	0
				32	

1		1
		2
		3
2		1
		2
		3
		4
3		1
		2
		3
		1
		2

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2019.12



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2014.6

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1

2

1		1-3	1-1	8	
2		1-5	1-1	6	
3		1-5	1-1	6	

$$= \quad \times 30 \% + \quad \times 70 \%$$

	/		/	
		30%		1-1
			100%	
		70 %		1-1

1.

2.

3

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2.

2019.10

0801007

Theory of Probability

0801007

2

323200

2017.8

1.
2.
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4.
5.

1-1

	1	2	3	4	5			
1-1	√	√	√	√	√			

1.

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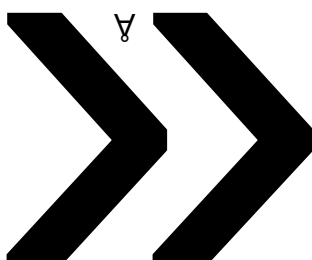
2

1

U

1# ⑥ »

3 V



2DQD

1		1 2 3 4		
2		1 2 3		
3		1 2 3 1 2 3		
4				
5		1 2 3	1/3 0.6	1/3

$$= \quad \times 30 \% + \quad \times 70 \%$$

	/		/	
		30%		1-1
			100%	
		70 %		1-1

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2.

3.

2202202

2202202

C

V

2018.8

- 1.
- 2.
- 3.
- 4.

	1	2	3	4
2-2				
3-1				
3-2				
3-3				
4-2				
4-3				
5-1				
9-2				
9-3				
10-2				
12-1				
12-2				

1.

1.

2.

ITS *

1.

2.

1		1	3-1	0	
2		1 2	3-1 6-1 11-2	0	
3		2 3	3-1 6-1	0	
4		2 3	3-1 4-2 6-1	0	
5		2 3 4	3-1 6-1	0	
6		1 3 4	3-1 6-1	0	
7		2 3	3-1 6-1	0	
8	*	2 4	3-1 4-2 11-2	0	
9	(5G) *	2 3		0	
10	ITS *	2 4		0	
				32	

1.

2.

3.

4.

1		1 2
2		
3		1 2
4		
5		7

7~10

1 .

.2018.01.

2 .2013.08.

3 Foundations of Analog and Digital Electronic Circuits . Anant Agarwal. Jeffrey
H . Lang © 2005 by Elsevier Inc.

2019.12

2201014

Specialty English

, , 2017-11

1.
2.
3.
4. Internet
5.

10-3

	1	2	3	4	5			
10-3	√	√	√	√	√			

1.

AUTOMOBILE BASICS

2.

1

2

3

4

5

1.

1 AUTOMOTIVE LUBRICATION SYSTEM

2 THE COOLING SYSTEM

3 FUEL INJECTION SYSTEM

4 THE IGNITION SYSTEM

2.

1

2

3

1.

1 CLUTCH

2 AUTOMATIC TRANSMISSIONS

3 THE DIFFERENTIAL

4 BRAKING SYSTEM

5 STEERING SYSTEM

6 FRAME AND SUSPENSION SYSTEM

2.

1

2

3
4

1.
VEHICLE BODY

2.
1
2
3
4

1.
1 ELECTRICAL SYSTEM
2 ELECTRONIC CONTROL SYSTEM

2.
1
2
3 SRS ABS EBD AT
4

1.
HYBRID DRIVE

2.
1
2
3
4

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1		2 3 4	10-3	2	
2		1 2 3	10-3	10	
3		1 2 3	10-3	12	
4		1 2 3	10-3	2	
5		1 2 3	10-3	4	
6		1 4 5	10-3	2	
				32	0

b' y6,817% m6,426% R d „ S2(0ñ' ?² € +P!) P 5,ErP 0

1 2

3

2

5		11/3 21/3 30.6

=

×30% +

×70%

	/		/	
		10%	10%	10-3
		20%	3~420%	10-3
		70%	70%	10-3

0.6

i

=

× Ai+

× Bi

100×(Ai+ Bi)

Ai=

×

i

Bi=

×

i

1 . . 2012.1 1

978-7-118-07789

2 . 2017.8

9787114137396

2019.12

Enterprise Management of Automobile Service

2016 01

1.

2.

3.

4.

2-2 3-2 7-2 9-2 11-1 12-2

	1	2	3	4
2-2				√
3-2		√		√
7-2	√			√
9-2		√		
11-1	√			
12-2			√	√

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1		
2	CRM	CRM
3	CRM	
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1		
2	CRM	CRM
3	CRM	
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3

1		1	7-2	2	0
2		1 2	2-2	3	0
3		1 2	7-2	3	0
4		2	11-1	3	0
5		2 4	2-2	4	0
6		2	11-1	3	0
7		1	12-2	3	0
8		2 3	3-2 9-2	4	0
9		3 4	2-2	4	0
10		3	3-2	3	0
				32	0

1		1
		2
		3
2		1
		2
		3
		4

$$B_i = \quad \times \quad i$$

1. 2010
2. 2005
3. 2004

2019.12

Automotive Maintenance Engineering

2017

1.
2.
3.
4.

4-2	5-1	6-1	1-2	2-1	3-1			
	1	2	3	4				

				√				
	√	√	√					
		√	√					
			√					
	√			√				

1.

1

2

3

4

2.

1

2

3

1.

1

2

3

2.

1

2

3

1.

1

1		1	1-2 6-1	4	
2		1 3	1-2 3-1 3-3	8	
3		1 3	1-2 3-2 3-3	4	
4		1 3	1-2 4-2 5-1	8	
5		3 4	3-1 3-2 6-4	6	
6		3 4	3-1 3-2 6-4	2	
				32	

1		1
		2
		3
2		1
		2
		3
		4
3		1
		2
		3

		1 2 3
4		
5		1 1/3 2 1/3 3 0.6

= ×30% + ×70%

	/		/	
		10%	10%	5-1
		20%	3~4 20~30 20%	2-2
		70%	70%	3-1 4-1 5-1

0.6

=
$$\frac{\times + \times + \times}{\times \left(+ + \right)}$$

Ai=

×

i

Bi=

×

i

$$C_i = \quad \times \quad i$$

1	.	.	.2017.
2	.	.	.2017.

2019.12

2201016

332

2201016
2.0
33

2019.09

1.

2.
3.
4.

3-14-27-2

	1	2	3	4
3-1				
4-2				
7-2				

3

5

3

3

CAI

1		1	3-1 7-2	3
2		2 4	4-2 7-2	5
3		2	3-1 7-2	4
4		2 3	3-1 7-2	3
5		2 3	3-1 4-2 7-2	3
6		2 3	3-1 7-2	3
7		2 3	3-1 7-2	3
8		3	3-1 4-2 7-2	3
9		2 3	3-1 4-2 7-2	3
10		4	7-2	3
				33

1		1



	2			
	3			
	1			
	2			
2	3			
	4			
	1			
	2			
	3			
3				
	1			
	2			
	3			
4				
Ä				
5				
	1	1/3		
	2		1/3	

New Energy Automobile Technology

2201018				
2.0				
32	32	0	0	
				2018.06

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2. /
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4.

5-2

6-2

7-2

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1

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3

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1

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3

2.

1

2

3

1		1	5-2 6-2 7-2	2	
2		3	5-2	4	
3		1 2	5-2 6-2 7-2	6	
4		2	5-2	4	
5		2	5-2	2	
6		2 4	5-2 6-2 7-2	8	

7		3	5-2	6	
				32	0

1		1 2 3
2		1 2 3 4
3		1 2 3 1 2 3
4		
5		

		1	1/3	
		2		1/3
		3	0.6	

$$= \quad \times 50\% + \quad \times 50\%$$

	/		/	
		10%		6-2 7-2
			10%	
		20%	4~5 20~30	5-2 6-2
			20%	
		20%	PPT	7-2
			20%	
		50%		5-2 6-2 7-2
			50%	

0.6

$$i = \frac{\times Ai + \times Bi}{100 \times (Ai + Bi)}$$

$$Ai = \quad \times \quad i$$

$$Bi = \quad \times \quad i$$

1			—		.
	Mehrdad Ehsani	.		.2012.01.	
2		.	.		.2016.09.
3		.	.		.2014.08.

2019.12

0000001

0000001

2019 8

- 1.
- 2.
- 3.
- 4.
- 5.

- 1.
- 1

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3

2.

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1		1 2 3		6	0
2		1 4 5		6	0
3		2 3 4		6	0
4		1 5		5	0
5		1 2 5		5	0
				28	0

1						
2						

1		1 2
2		1 2
3		
4		
5		
6		

--	--	--

$$= \quad \times 30 \% + \quad \times 70 \%$$

	/		/	
		30 %		
		0 %		
		70%		

2019.08

A B

2201019

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1

1.
2.
3.
4.

5-3 7-1 8-3

10-1

	1	2	3	4				
5-3	√		√					

7-1		✓						
8-3			✓					
10-1	✓			✓				

1.

- 1
- 2
- 3

2.

- 1
- 2
- 3
- 4
- 5

1		2 3	7-1 8-3	0.5
2		1 2	5-3 7-1	0.5
3		1 2 3 4	5-3 7-1 8-3 10-1	4
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		30%	30%	8-3
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0108002

Metalworking Practice

0108002

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1		4	6-1 8-2 9-1		0.5 2

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2		3	6-1 8-2 9-1		0.5 2
3		2	6-1 8-2 9-1		0.3 0.7
4		1	6-1 8-2 9-1 9-2		0.5 1.5
5		4	6-1 8-2 9-1		0.3 0.7
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2019.12

Electrical Engineering Practice A

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3		1 2	2-2 5-1	1	
4		1 2	2-2 5-1	1	
5		1 2	2-2 5-1	1	
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		50%		2-2 5-1
		30%		2-2 5-1

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$$i = \frac{\times A_i + \times B_i + \times C_i}{100 \times (A_i + B_i + C_i)}$$

$$A_i = \quad \times \quad i$$

$$B_i = \quad \times \quad i$$

$$C_i = \quad \times \quad i$$

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1		1 3	4-2
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3		4 5	4-3 5-3 8-3 10-1

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2019.12

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2019.12

Automotive Maintenance Practice

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2019.12

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Summer Production Practice (I)

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2019.12

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2019.12

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2		1 2 3	9-2 9-3 10-1 12-2	2
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4		4 5	8-3 10-1 10-2 11-1 11-2 12-2	5
5		4	8-3 10-1 10-2 11-1 11-2 12-2	1
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$$\begin{aligned} & \left(\quad \right) = \quad \times 30\% + \quad \times 20\% + \\ & \times 50\% \end{aligned}$$

04060606

$$C_i = \quad \times \quad i$$

$$\begin{aligned} & \quad \quad \quad (\quad) \quad \quad \quad (\\ &) \quad \quad \quad (\quad) \\ & \quad \quad \quad (\quad) \end{aligned}$$

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2019.12