

[2012]173

2012 2

1.

2.

5.

6.

7.

1.

(1)

(2)~ (5)

(1) 1

(2)

(3)

(4)

(5) (/ /)

2.

8

6

(1) 2

(2)

120

240

(1) 2

(2) 3

2

2

(3)

(4) 3

2

(5)

(6)

(7) 973 863

(8) /

(9) SCI 4 SCI

SCI 4 1

SCI=2 EI=2 =2 =1
(2)

(10) (/ /)

(11) 2

(12) 8

3.

6

(1) 2

(2) 90

180

(1) 5

2

(2) 6

4

3 2

(3)

(4) 6

4

2

(5) 3

3

(6)

(7) 2 973 863

(8) /

(9) SCI 3.5 SCI

SCI 3.5

1 SCI=2 EI=2 =2 =1

2

(10) (/ /)

(11) 2

(12) 8

(1)

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(8) SCI 4 SCI

3 4 2

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4.

8

6

(1) 2

(2) 60

120

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6 4

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8 6

4

(3) 10

8

5

(4)

(5)

(6) 4 973 863

(7) SCI 3 SCI

SCI 3 1

SCI=2 EI=2 =2 =1

2

(8) / 10

(9) (/ / /)

(10) 2

(11) 8

5.

4

6

(1) 2

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45

90

(1)

8

6

(2)

10

8

6

(3)

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8

5

(5)

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6

973

863

(7)

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/

5

(9)

SCI

2.5

SCI

SCI
1 SCI=2 EI=2 2.5 =2 =1
2

(10) (/ / /)

(11) 2

(12) 8

6.

6

(1) 2

(2) 30

60

(1)

8

(2)

(3)

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10

(5)

(6) 8 973 863

(7)

(8) / 3

(9) SCI 2 SCI

SCI 2 1

SCI=2 EI=2 =2 =1

2

(10) (/ / /)

(11) 2

(12) 8

(1) 5

3

(2) 6

3

(3) 5

3

(4) /

(5) SCI 3 SCI

2

3

1

(6)

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(8) 4

(9) 10

7.

6

6

(1) 2

(2) 20

40

(1)

(2)

(3)

(4) /

(5) SCI 1.5 SCI

	SCI		1.5	
1	SCI=2	EI=2	=2	=1
				2

(6) (/ / /)

(7)

(8) 2

(9) 8

8.

4

(1) 1

(2) 15

30

(1)

(2)

(3)

(4) /

(5) SCI 1 SCI

SCI 1 1

SCI=2 EI=2 =2 =1

2

(6) (/ / /)

(7) 2

(8) 8

(1)

5

(2)

(3) / 10

(4) SCI 1

(5)

(6) (/ / /)

(7) 4

(8) 10

9.

(1)

(2)

(3) 10%

1.

2. 3 3

3.

4. 70% 30%

5. 10%

1. 6

(1) 8

(2)

20

(3) 3

1

(4) 1 3

(1)

(2)

2. 4

(1) 8

(2)

(3) 1

2

(4) 1 3

1

(1)

(2)

3. 3.7

(1)

(2)

(3)

1

1

(4)

1

3

1

(1)

(2)

4.

3

(1)

8

(2)

(3)

1

1

2

(4)

1

3

1

(1)

(2)

5.

2.7

(1)

(2)

(3)

1

5

1

5

(1)

(2)

6.

2

(1)

(2)

(1)

(2)

G Z N
25 25 25

1.

(1)

$$G=5Z[1.25+0.1(N/25-1)]$$

N/25 4 4

(2)

$$G=5Z[1.25+0.1(N/25-1)]$$

N/25 2 2

(3)

$$G=5Z[1.25+0.1(N/25-1)]$$

N/25 5 5

$$=1.5^*$$

$$=3.0^*$$

$$=2^*$$

$$=1.5^*$$

$$=1.2^*$$

$$= K^*$$

	A ⁺	A	B	C
K	1.2	1.1	1.0	0.5

2.

$$G=0.25 \times \quad /10 \quad \times$$

3.

(1) G=1 ×

(2)

$$G=0.75 \times \quad \times \quad +1 \quad \times$$

$$0.5 \times$$

4.

$$=5Z[1.25+0.1(N/25-1)] \quad N \quad 25$$

5.

$$G=30[5+0.5 \quad N-5 \quad] \quad 5$$

1.

(1)

16

6

30

(2)

1

2

4

2.

$$G = 10K_1K_2 K_3Z(N/25)$$

$$G = 10K_1K_2 K_3Z(N/25)*1.5$$

3.

$$G = 3Z \quad N/25$$

K_1

$K_1=1$

$$K_1=0.6$$

K_2

1.0

1.2

K_3

1.1

1

Z

N

4.

10

/

1.

$$G=6 \times$$

\times

36

2.

$$G=3.5 \times$$

\times

3.

$$G=16 \times$$

+

3

5

2

1.

150

/

2.

(1)

200

300

(2)

75

150

3.

150

/

1.

G 150

2.

G G₁* (:)+ G₂* (:)

	G ₁	80
	G ₂	30

3.

()

	SCI	CSSCI	EI	ISTP				
	400	300	200	100	200	80	100	40

4.

	4000	3000	2000	1000	500	200

5.

	40000	20000	10000	6000
	4000	1000	400	100

	20000	10000	5000

	10000	5000	1000

	400	300	200	100

6.

150/
300/

7.

10/

8.

800/
400/
200/
300/
200/
100/

1.

	G	Z	N
(1)	$G=5Z[1.25+0.1(N/25-1)]$		
			N/25 4 4
(2)	$G=5Z[1.25+0.1(N/25-1)]$		
			N/25 2 2
(3)	$G=5Z[1.25+0.1(N/25-1)]$		
			N/25 5 5

$$\begin{aligned}
 &=1.5* \\
 &=3.0* \\
 &=2* \\
 &=1.5*
 \end{aligned}$$

2.

(1)	$G=1$	\times	
(2)	$G=0.75 \times$	\times	$+1 \times$
	$+$	$0.5 \times$	
		0	

3.

$$\begin{aligned}
 G &= 260/ \\
 G &= 300/ \\
 &= 2G
 \end{aligned}$$

			100	/
			100	
			100	
			100	
		863	80	
		863	60	
		863	80	
		863	60	
		973	100	
		973	80	
		973	100	
		973	80	
				100
			80	
			60	
			60	
			100	
			60	
			60	
			40	
			60	
			30	
			40	
			30	
			100	
			100	
			80	
			80	
			80	
			40	
			30	
			20	
			30	

			1000	
			600	
			600	
			600	
			200	
			200	
			600	
			600	
			300	
			300	
			6000	
			1200	
			600	
			800	
			600	
			300	
			100	
			400	
			800	
			400	
			400	
		863 973	300	
			1000	
			500	
		863 973	600	
			500	
			300	
			200	
			300	
			200	
			100	
			400	
			100	
			200	
			200	
			400	

			800	
			1200	
			400	
			300	
			200	
			150	

1. 2000
 2. 2000
 3. 2000/
 4. 2000/
-
1. 3000/
 2. 2000/
 3. 400/
 4. $300+24 \times$
 5. 1000/
 6. 1000/
 7. 600/
 8. (520/)
 9. 520/
 10. 360/
 11. 100/
 12. 200/
 13. 400/