



1112-2020

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2020-02-27

2020-04-01

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1	1
2	1
3	1
4	2
5	5
6	6
7	7
8	8
9	9
10	10
11	10
A	12
B	14
C	16
D	17
E	19

1112-2020

3.1

3.2

3.3

1112-2020

4.3.5

4.3.6

4.3.7

4.4

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1					

4.5

4.5.1

4.5.2

4.5.3

4.6

4.6.1

4.6.2

4.6.3

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4.7

4.7.1

4.7.1.1

4.7.1.2

4.7.2

4.7.3

4.7.4

4.

4.

4

5.1

5.1.1



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6.1

6.2

6.3

6.3.1

2


6.3.2

6.3.3

6

6.3.4

6.3.5

6.3.6

6.4

6.5

6.6

7.1

7.2

7.3

7.4

7.5

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. 1

. 1. 1

. 1. 1. 1

. 1. 1. 2

. 1. 1. 3

. 1. 1. 4

. 1. 2

. 1. 2. 1

. 1. 2. 2



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.3

10.1

10.2

10.2.1

10.2.2

10.2.3



. 1

. 2

. 2. 1

. 2. 2

. 2. 2. 1

. 2. 2. 2

. 2. 2. 3

. 2. 2. 4

. 2. 2. 5

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. 2. 3

. 2. 3. 1

. 2. 3. 2

. 2. 3. 3

. 2. 4

. 2. 4. 1

. 2. 4. 2

. 2. 4. 3

. 2. 4. 4

. 2. 4. 5

. 2. 4. 6

2. 5

. 2. 5. 1

. 2. 5. 2

. 2. 5. 3

. 2. 5. 4

. 2. 5. 5

- . 2. 6
- . 2. 6. 1
- . 2. 6. 2
- . 2. 6. 3
- . 2. 6. 4
- . 2. 7
- . 2. 7. 1
- . 2. 7. 2
- . 2. 7. 3
- . 2.
- . 2. . 1
- . 2. . 2
- . 2.
- . 2. 10



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. 1. 2

. 1. 3

. 2

. 2. 1

. 2. 2

1

2

3

4

5

.....

$$\frac{1}{\lambda} < \lambda < \frac{\lambda}{\pi}$$
$$\frac{1}{\lambda} \geq \frac{\lambda}{\pi} > \frac{1}{\lambda}$$

.1

.1.1

$$= \frac{\sqrt{\eta \cdot \theta \varphi}}{\theta \varphi}$$

 $\eta$  $\sim$  $\theta \varphi$  $\theta$  $\varphi$ 

.1.2

$$\eta \approx \theta \varphi$$

$$= \frac{\sqrt{\eta \cdot \theta \varphi}}{\theta \varphi}$$

.1.3

$$\eta \approx \theta \varphi$$

$$= \frac{\sqrt{\eta \cdot \theta \varphi}}{\theta \varphi}$$

.2

$$| | \leq$$

.2.1

$\zeta$

$$\begin{aligned} \zeta &= \frac{\lambda\sigma}{\varepsilon} \\ &= \frac{\pi}{\lambda} \frac{\sqrt{\varepsilon - + \lambda\sigma}}{\varepsilon + \lambda\sigma} \end{aligned}$$

$\lambda$   
 $\sigma$   
 $\varepsilon$

$\zeta \gg$

$||$

$$| | = \frac{+}{+ +}$$

$\zeta \ll$

$||$

$$| | = -$$

.2.2

$$= \frac{\pi}{\lambda \sqrt{\varepsilon - + \lambda\sigma}}$$

$\lambda$   
 $\varepsilon$   
 $\sigma$

$||$

$$| | = \frac{+}{+ +}$$

$$= \frac{\sqrt{\cdot}}{\cdot} \theta \varphi$$

$$\lambda$$

$$\theta \varphi$$

$$\theta$$

$$\varphi$$
