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 [7] GB/T 16159 1996 [S]
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http://www.cajcd.cn/pub/wml.txt/9808_10-2.html,1998-08-16/1998-10-04
 A. Johnson R.O.Duda
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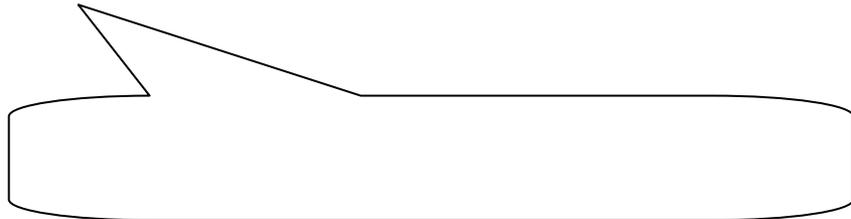
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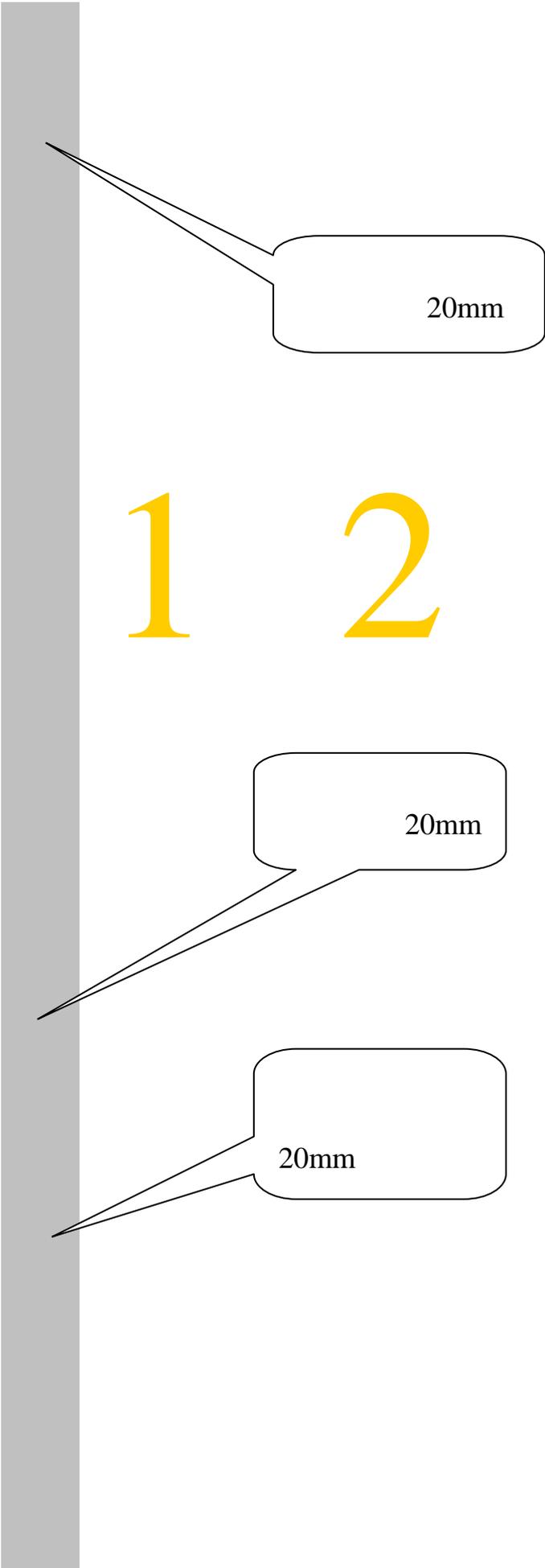


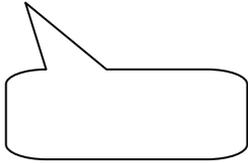
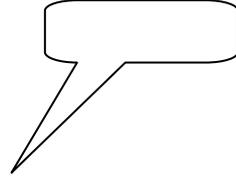
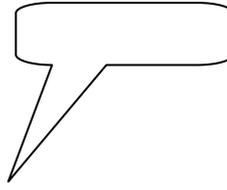
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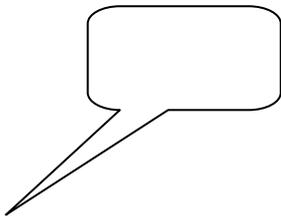
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Abstract

Fiber-optic reflective displacement sensor attracts much attention for its particular advantages, such as simply theory, easy realization, good stability and so on. With the requirement of wide measurement range and high precision, it is re-designed based on the basic principle of the simplest reflective fiber-optic sensor. For some work having been finished at the beginning of this project, I will mainly describe the electric circuit.

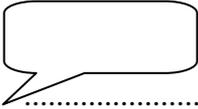
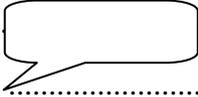
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Key words Reflective, Fiber-optic, Displacement, Measuring

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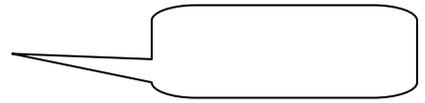
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3.2.1		17
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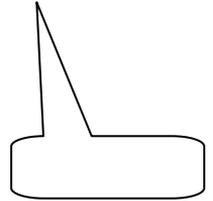
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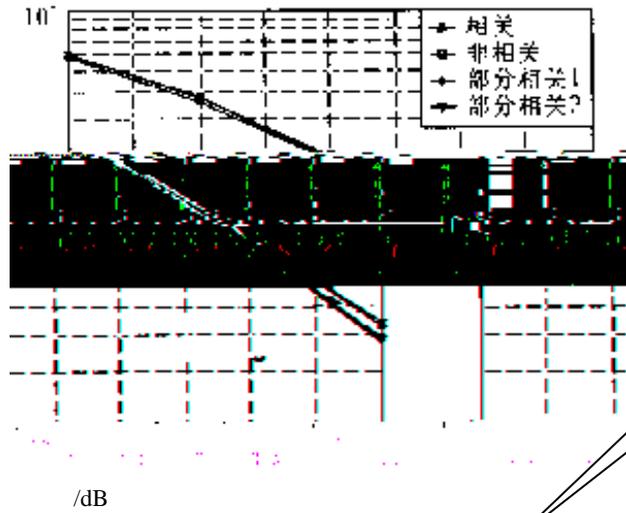
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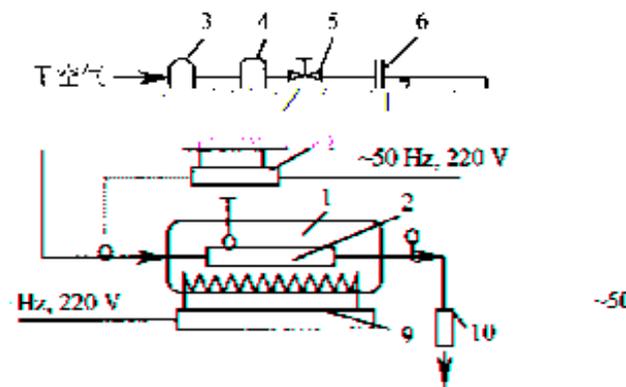
$$\bar{P}_i(u) = \sum_{j=0}^k \bar{V}_i \Lambda_i(k; \bar{\beta}_1, \dots, \bar{\beta}_n; u) \quad 2.3$$

$$\frac{|A(s)|^2}{|A(o)|^2} = \frac{\rho_1 \rho_2}{(s + \rho_1)(s + \rho_2)} \quad 3.1$$



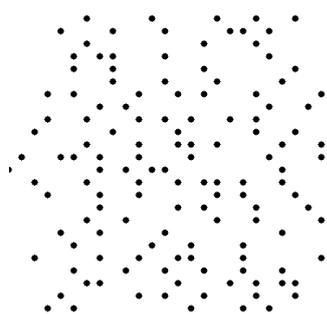
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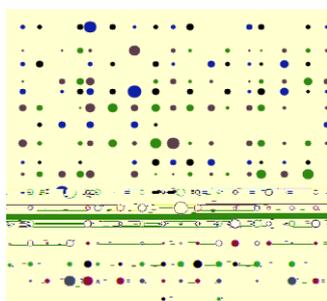


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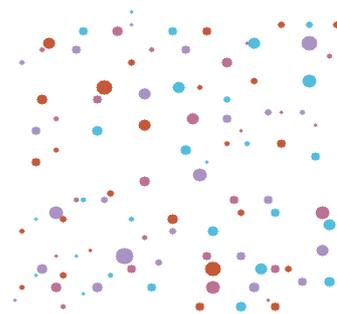
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(a) $1/f$



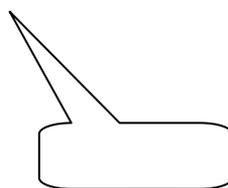
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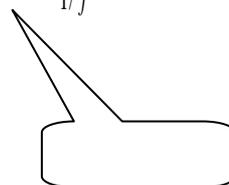
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				SINR(dB)
	1	8		30.58
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	4	8	30	4.69
			19	4.83
		4	30	-0.42

3.1 lgB_i

		$T=1500K$	$T=2000K$
		lgB_i	lgB_i
1	O ₂ ⁺	5.26	HO ₂ 6.43
2	HO ₂	5.26	O ₂ ⁺ 6.42
3	H ₂ O ⁺	4.76	H ₂ O ⁺ 6.18
4	N ₂ ⁺	3.97	H 6.12
5	H	3.54	H ₂ ⁺ 6.04
6	OH	3.29	OH 5.91
7	CO ⁺	3.26	O 5.59
8	H ₂ ⁺	2.54	N ₂ ⁺ 4.87
9	O	2.30	CO ⁺ 3.98
10	H ₂ O ₂	1.62	CO ₂ ⁺ 3.76
11	CO ₂ ⁺	1.40	H ₂ O ₂ 3.09
12	HCO*	-0.47	HCO* 0.24
13	N ⁺	-4.85	N ⁺ -2.81
14	CH ₂ O ⁺	-6.91	CH ₂ O* -6.13
15	NO ⁺	-16.60	NO ⁺ -11.76

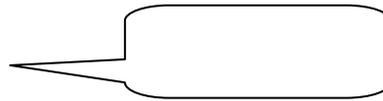
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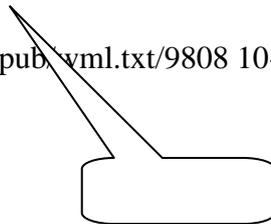
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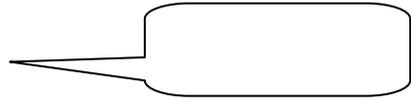
2974.37	2931.52
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- [1] [J] , 2001
29(12A) 1923-1927
- [2] [M] 1979 15-18,31
- [3] [A] 2001 [C]
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- [4] [D] 1998
- [5] LBB [R]
1997
- [6] [P] 881056078 1983-08-12
- [7] GB/T 16159 1996 [S] 1996
- [8] [N] 2000-4-17(B1)
- [9] [EB/OL]
<http://www.cajcd.cn/pub/wml.txt/980810-2.html>, 1998-08-16/1998-10-04

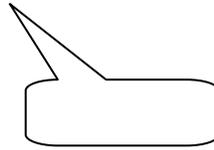


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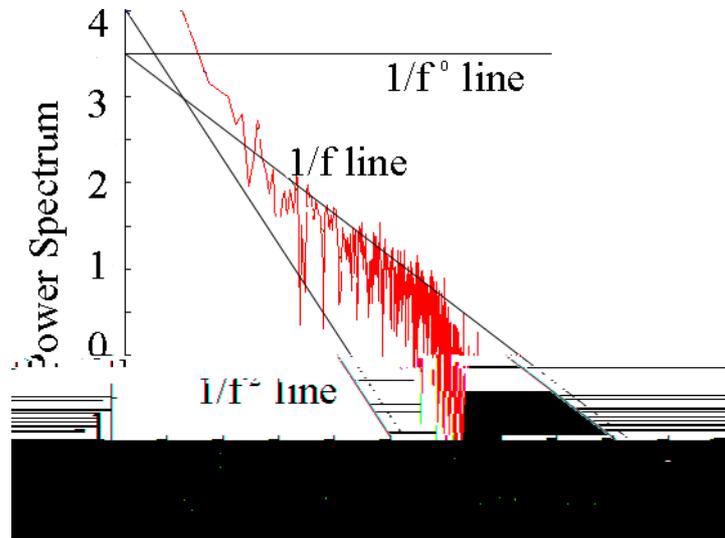
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A 1/f



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B **1/f**

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clear all  
close all
```

```
M = 2*256;  
K = 1;  
f = 1:M;  
s = K*1./f;
```

```
figure(1); plot(s); grid;
```

```
LOGs = log10( s );  
LOGf = log10( f );
```

```
figure(4); plot( LOGf,LOGs ); grid;
```

```
hh = sqrt( m*s );
```

```
m = 2*M-1;  
h2( 1:M ) = hh( 1:M );  
h2( M:m ) = hh( M:-1:1 );  
figure(2); plot(h); grid;
```

```
pp = rand( 1,m );  
re = h2 .* cos( pp );  
im = h2 .* sin( pp );  
hh = re + i*im ;
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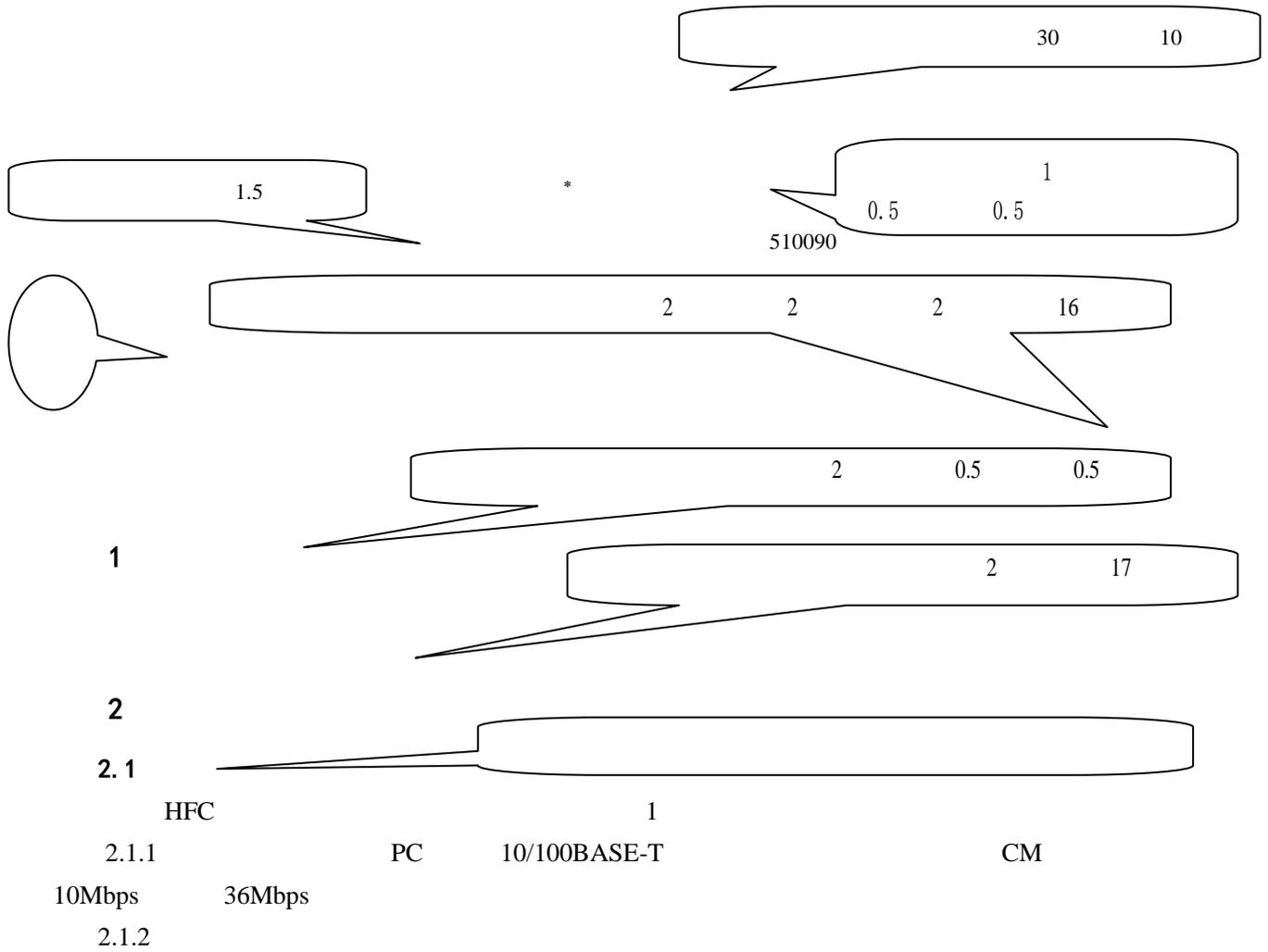
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The design of the intelligent small area network system

Qile Wang

Abstract: The article mostly introduced that the base of the intelligent small area is it's communication

Key words Intelligent small area Network HFC

* 1980

2002