



中国地震局部门计量检定规程



	WI
	5
	5
	5
	6
	6
	6
	7
E	=
F	54
G	56
H	58
I	59
J	5:

№ 5446 6454

№ 5445 6455

HF3 9= 6459

NJ 559: 644:

F3 5 86 6464

F3 5=97525 6448

5

HF3 65 644

HF3 66 6464

HF3 9= 6459

imq ng m m v q ir

m m q ng m ir m

m ir v mk

ievl u coi iep

tio k e mr T E

tio k v s gm T

epa ih viu irg gs q tsrir EJG

72 ver ivi ir mmm

72= ver ivi ir mmm ve m

, H- ,I[- , W

9) 5 64
84
8: hF
6)
72)
54¹⁷ q 3⁶ 425 64

 H I[W
94 544 644

T E T

4~~6~~

T E T T H TWE 47 TWE 54 TWE 74 TW 47 TW 54 TW 74

T

G

G

G

4~~2~~5

,67 7-

9)

54)

4~~2~~5

94

54¹⁸q 3⁶

5

, A6-

544

54

9)

: 27

F

: 28

H

: 29

e

f

7

H I[W

7

e

5

9

54

64

5

$$e_i = \frac{y_i - a_i}{a_i} \times 100\%$$

5

e_i

y_i

q 3⁶

a_i

q 3⁶

5

9

54

64

925

f

6

$$S_i = \frac{y_i}{a_i}$$

6

S_i

y_i

q 3⁶

a_i

q 3⁶

6

7

$$\sigma_i = 20 \times \lg \frac{S_i}{S}$$

7

σ_i

hF

S_i

S

54

925

7 hF

925

42 9

927

:

255b

544

64 q m

q 3⁶

425

64

56 hF

425

64

92

I

J

端

:

G

$$\begin{array}{llll} x_i(i=0 & 1 \cdots & N-1) & f_s & 84\text{ hF} \\ 0.02f_s & & & x_i & x_{\max} \\ x_{\min} & & (x_{\max}-x_{\min})/2 & & (x_{\max}-x_{\min})/ \\ \sqrt{8} & & & & \end{array}$$

$$\begin{array}{llll} x_i(i=0 & 1 \cdots & N-1) & f_s \\ 0.1f_s & & & \text{E } \mathfrak{X} \end{array}$$

$$\begin{array}{ll} x_0(t)=A_0\sin(\omega_0t+\varphi_0)+d_0 & ,\text{E } \mathfrak{Z}- \\ \rho=\frac{1}{N}\sum_{i=0}^{N-1}[x_i-A_0\sin(i\omega_0T_s+\varphi_0)-d_0]^2 & ,\text{E } \mathfrak{Z}- \end{array}$$

$$\begin{array}{llll} T_s & & & \\ A_0 & \omega_0 & \varphi_0 & d_0 & \rho \\ \omega_0 & & & & A_0 \\ A_0/\sqrt{2} & & \omega_0/(2\pi) & & \end{array}$$

$$\begin{array}{llll} x_n(n=0 & 1 \cdots & N-1) & f_s & f_0 \\ k=Nf_0/f_s & & & & \end{array}$$

$$\begin{array}{ll} A_0=\frac{2}{N}|X(k)|=\frac{2}{N}|\sum_{n=0}^{N-1}x_n\mathrm{e}^{-\mathrm{j}2\pi nf_0/f_s}| & ,\text{E } \mathfrak{Z}- \\ A_0/\sqrt{2} & \end{array}$$

F			
e			
f			
g			
h		T E	T
i			
e			
f			
g	7		$4\mathfrak{Z} \mathfrak{q} \, 3^6 \, 64 \mathfrak{q} \, 3^6$
h			
H I[	W		
F 275			
		54	
F 276			
F 277			
		45	54
		49 hF	56
hF3sg			
F 278			
	,F 25-		
	$a(t_i) = \sqrt{a^2(t_i)_{\text{EW}} + a^2(t_i)_{\text{NS}} + a^2(t_i)_{\text{UD}}}$		,F 25-
	, -	$\mathfrak{q} \, 3^6$	
$a(t_i)_{\text{EW}}$		$\mathfrak{q} \, 3^6$	
$a(t_i)_{\text{NS}}$		$\mathfrak{q} \, 3^6$	

$a(t_i)_{\text{UD}}$	$q\,3^6$
$,F\mathfrak{X}$ -	
$v(t_i)=\sqrt{v^2(t_i)_{\text{EW}}+v^2(t_i)_{\text{NS}}+v^2(t_i)_{\text{UD}}}$	$,F\mathfrak{X}$ -
$,\,-$	$q\,3$
$v(t_i)_{\text{EW}}$	$q\,3$
$v(t_i)_{\text{NS}}$	$q\,3$
$v(t_i)_{\text{UD}}$	$q\,3$
$F\mathcal{V}\mathfrak{D}$	$\begin{array}{cc}T\,E&T\\F\mathcal{V}&F\mathfrak{X}\end{array}T$
	$\begin{array}{c}T\,E=q\,e\quad,-a\\T\quad=q\,e\quad,-a\end{array}$
	$,F\mathcal{V}$ - $,F\mathfrak{X}$ -
$T\,E$	$q\,3^6$
T	$q\,3$
$,\,-$	$q\,3^6$
$,\,-$	$q\,3$
$F\mathcal{V}2$	
$F\mathfrak{D}$	$\begin{array}{c}E\\E=7\mathfrak{X}\,\mathfrak{k}T\,E+:\mathfrak{D}=\\=7\mathfrak{X}4\mathfrak{p}\,\mathfrak{k}T\quad+=2\end{array}$
	$,F\mathfrak{D}$ - $,F2-$
$F2$	$\begin{array}{c}M\\M=\left\{\begin{array}{cc}E\geq:\mathfrak{X}&\geq:\mathfrak{X}\\E<:\mathfrak{X}&<:\mathfrak{X}\end{array}\right.,\,E+\,-36\end{array}$
M	$\begin{array}{cc}5\mathfrak{X}&5\mathfrak{X}\\M&56\mathfrak{X}\end{array}56\mathfrak{X}$
e	$T\,E\,T$
f	$T\,E\quad T$
$4\mathfrak{X}$	

G25

644 q q 644 q q

54 36 q q

G26

54

H I[W

=2 q 3⁶

G27

)

G28

e

5

64

544 q q

5=2 q 3⁶

74 ok

9 ok

644

q q 644 q q

f

5

64

5=2 q 3⁶

7)

5)

64 54 5 9 54

536

9 54 64) 5

H

9 59

$9q3^6$

e

f

T

g

h

i

e

54

f

425

I

52

62

J
