
040105

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Adobe Addition

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1.

2.

3.

4.

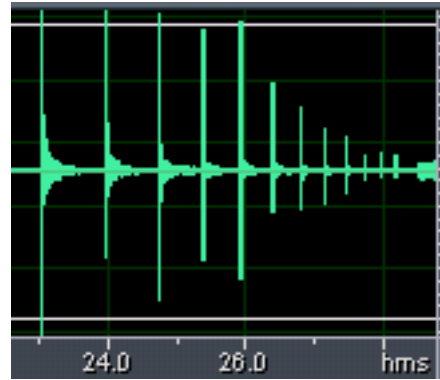
5.

:

(2)

Adobe Addition

1



1

(coefficient of restitution)

e

$e \quad 0 \quad 1 \quad 1 \quad 0$

V_1

V_2

$$e = -\frac{V_2}{V_1} \text{ ----- (1)}$$

Δt_{21}

Δt_{32}

$$(1) \quad e = \frac{g \Delta t_{32} / 2}{g \Delta t_{21} / 2} = \frac{\Delta t_{32}}{\Delta t_{21}}$$

:

(2)



2:

5

5

:

-34°C

5

,

3

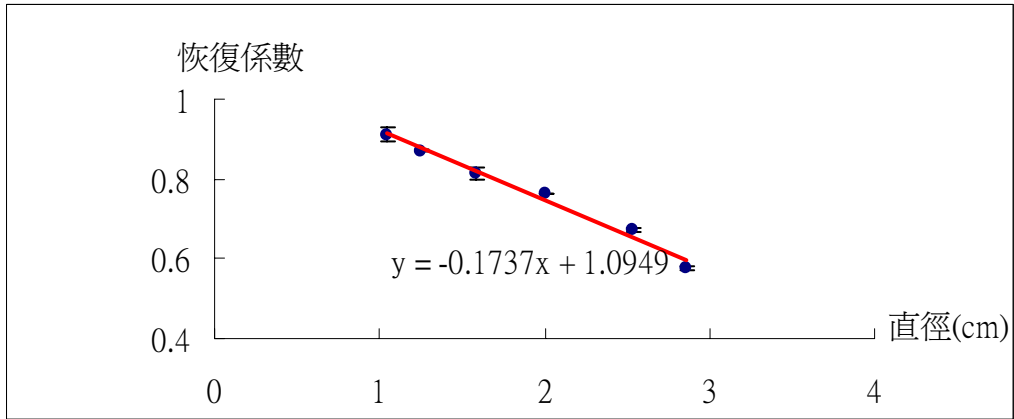
:

$$T_2 - T_1$$

$$T_3 - T_2$$

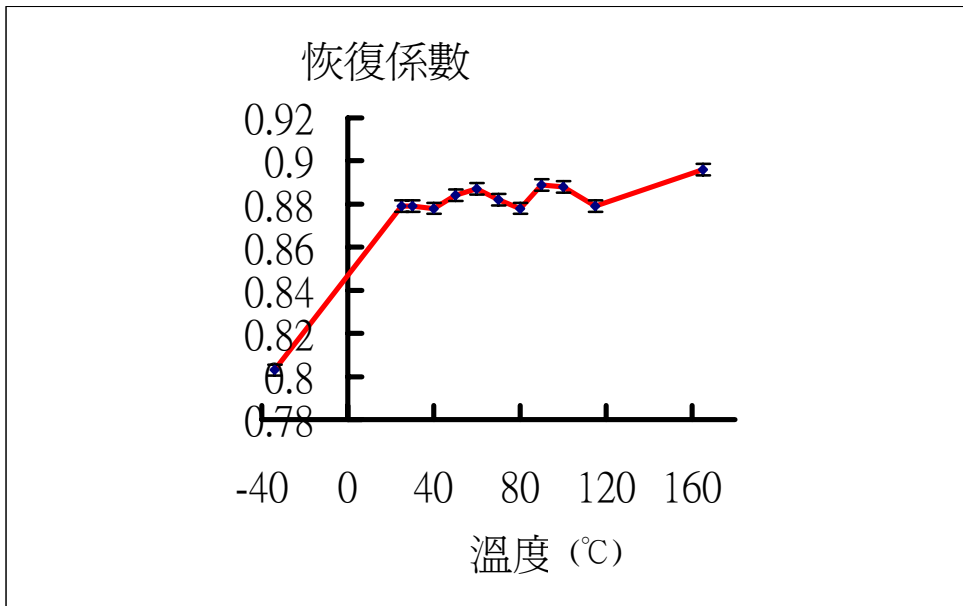
	T_1	T_2	T_3	$= \frac{T_3 - T_2}{T_2 - T_1}$			
1.05	0.30	0.78	1.21	0.90	0.91	-0.01	0.91 ± 0.01
	0.22	0.66	1.06	0.91		0	
	0.2	0.60	0.97	0.92		0.01	
1.25	0.14	0.62	1.04	0.87	0.87	0.00	0.87 ± 0.01
	0.14	0.61	1.03	0.88		+0.01	
	0.18	0.69	1.13	0.86		-0.01	
1.59	0.20	0.67	1.04	0.80	0.81	-0.01	0.81 ± 0.02
	0.18	0.62	0.98	0.83		+0.02	
	0.14	0.65	1.07	0.81		0.00	
2	0.13	0.61	0.97	0.76	0.76	0.00	0.76 ± 0.01
	0.24	0.74	1.12	0.77		+0.01	
	0.2	0.7	1.08	0.76		0.00	
2.54	0.19	0.65	0.95	0.67	0.67	0.00	0.67 ± 0.01
	0.17	0.59	0.86	0.67		0.00	
	0.14	0.55	0.82	0.68		+0.01	
2.86	0.13	0.51	0.73	0.58	0.57	+0.01	0.57 ± 0.02
	0.17	0.56	0.80	0.60		+0.03	
	0.13	0.52	0.74	0.55		-0.02	

3



3:

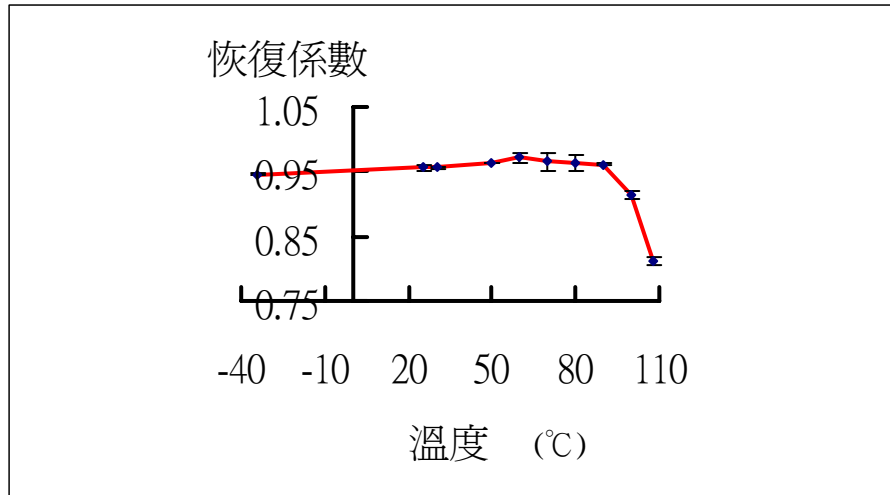
4



4:

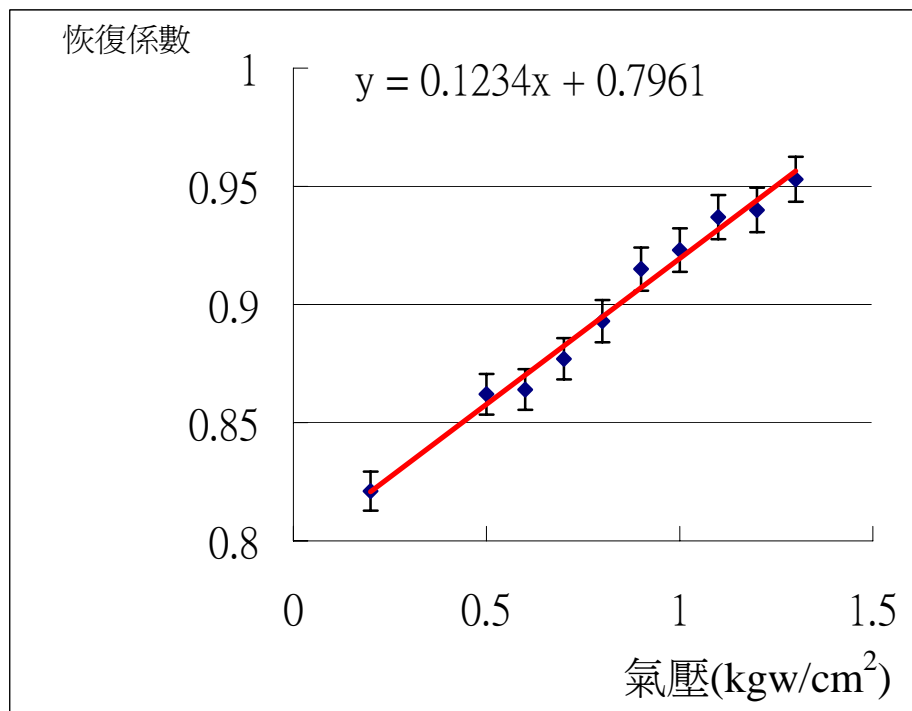
5

5

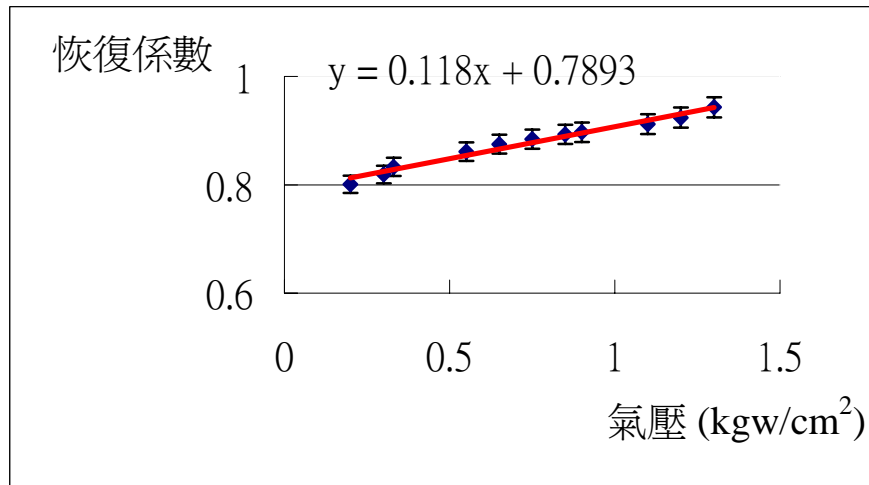


5:

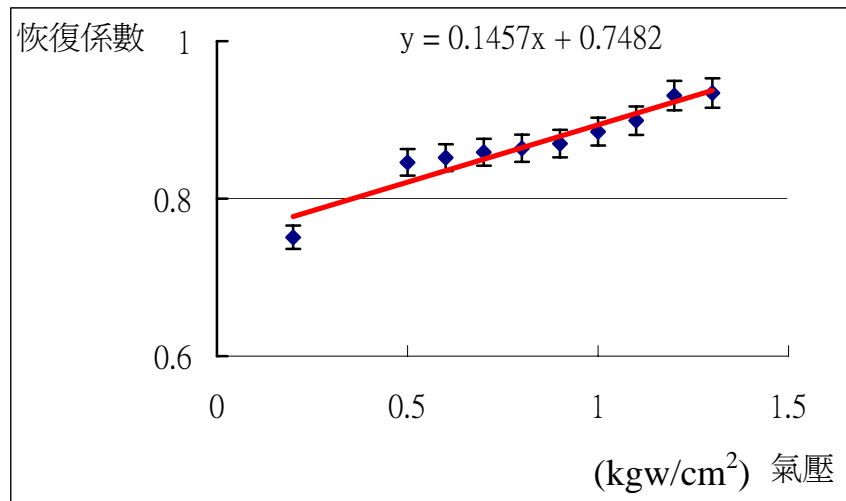
6 :



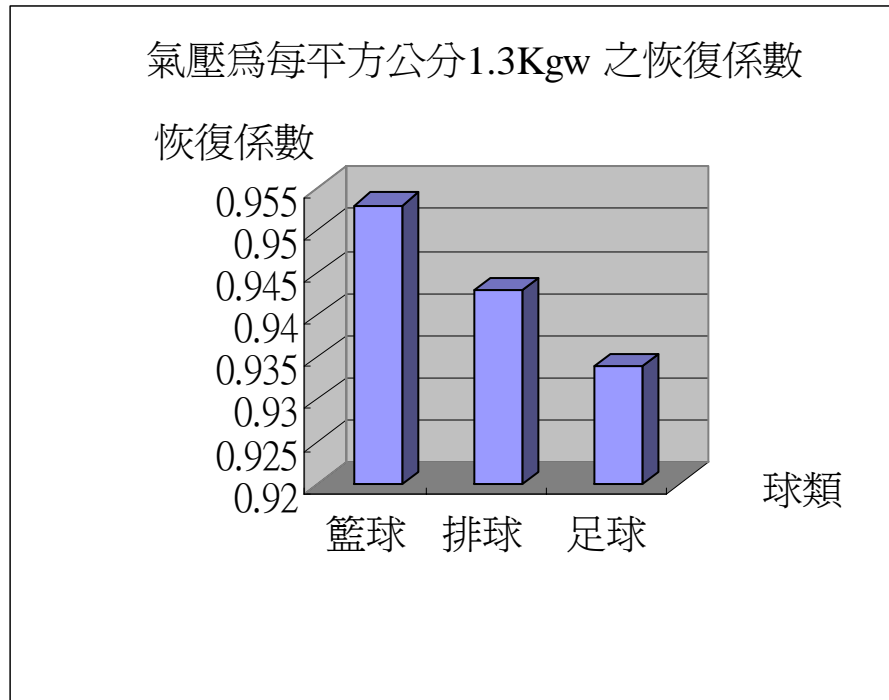
6:



7:



8:



9:

	0.91	0.91	0.95	0.66	0.79

:

F

1887-98

2

0.79

:

0.78

2

0.95

,

0.83

(

4)

165

-34

(5)

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100

6 7 8

040105

1.

2