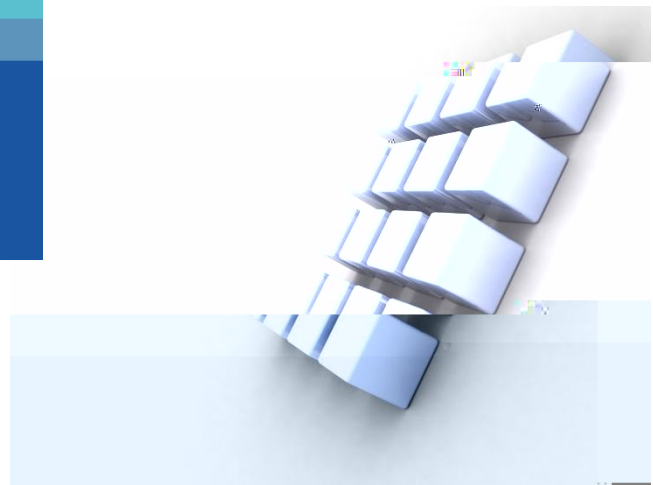
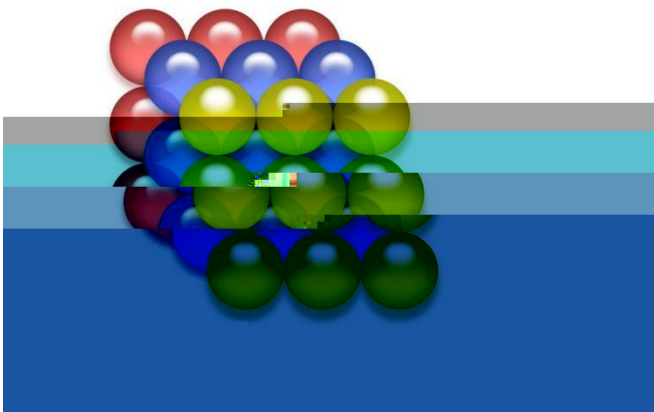
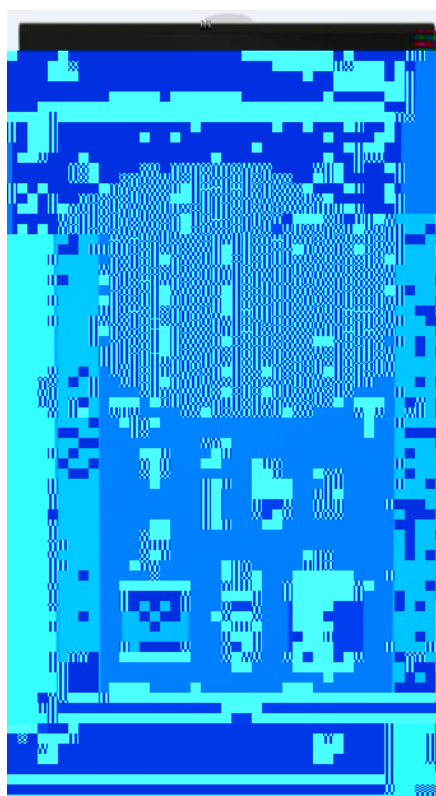
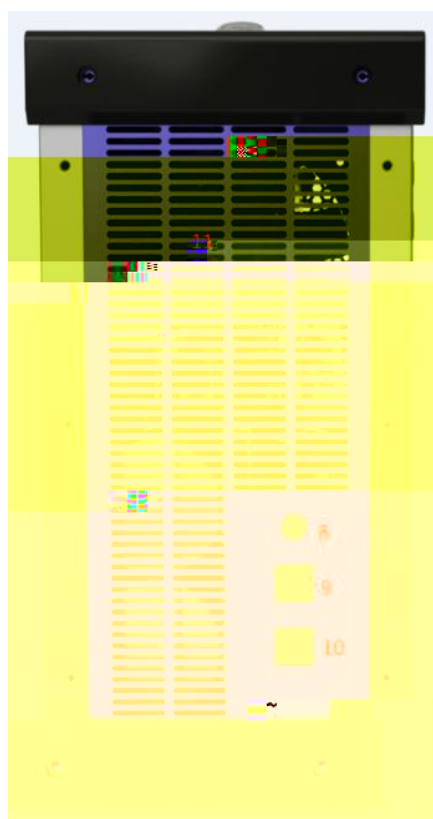


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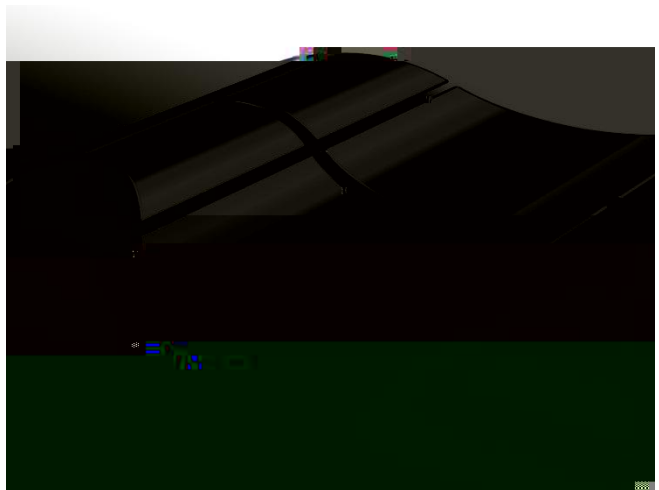
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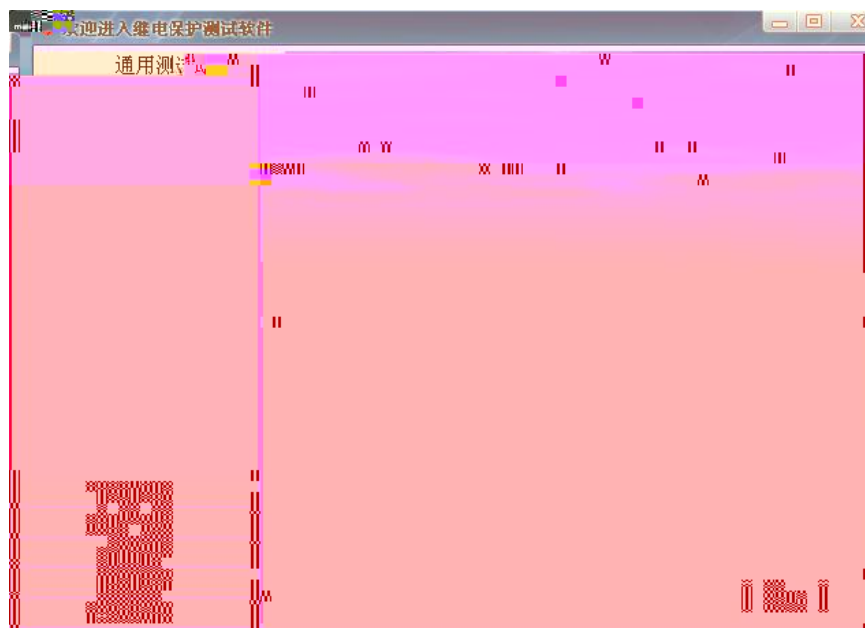
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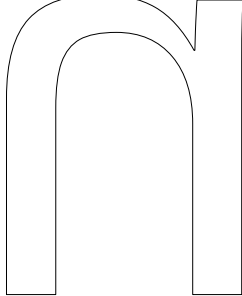
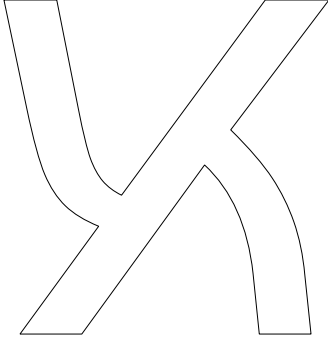
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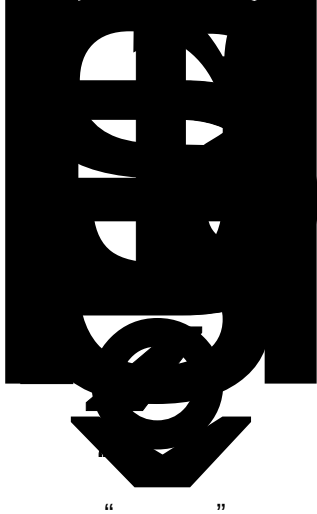
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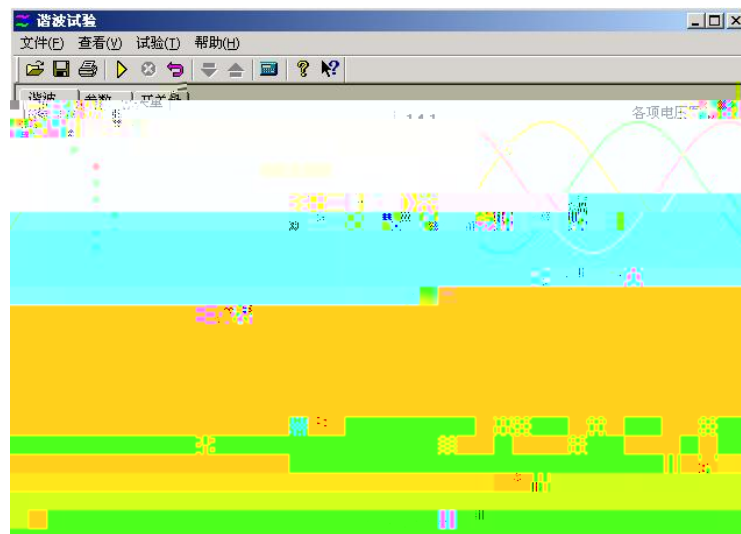


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设置谐波含量

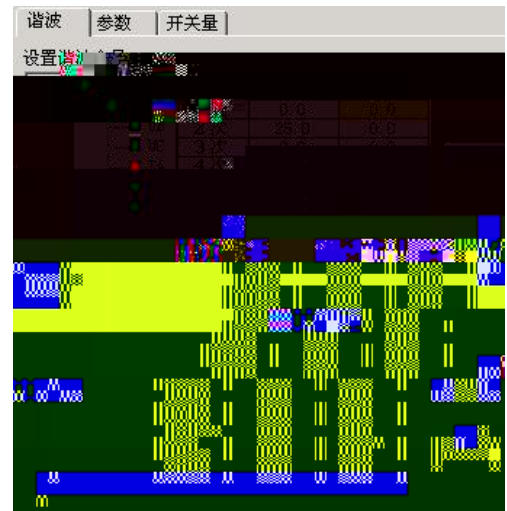
数据项	谐波名	幅值V	相位°
UA	直流	0.000	0.0
UB	2次	0.000	0.0
UC	3次	0.000	0.0
	4次	0.000	0.0
	5次	0.000	0.0
	6次	0.000	0.0
	7次	0.000	0.000

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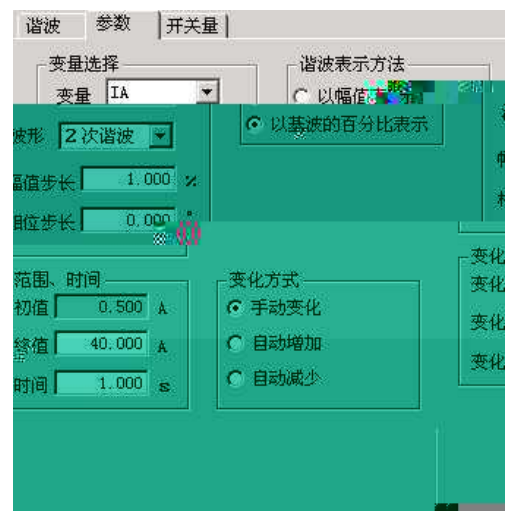
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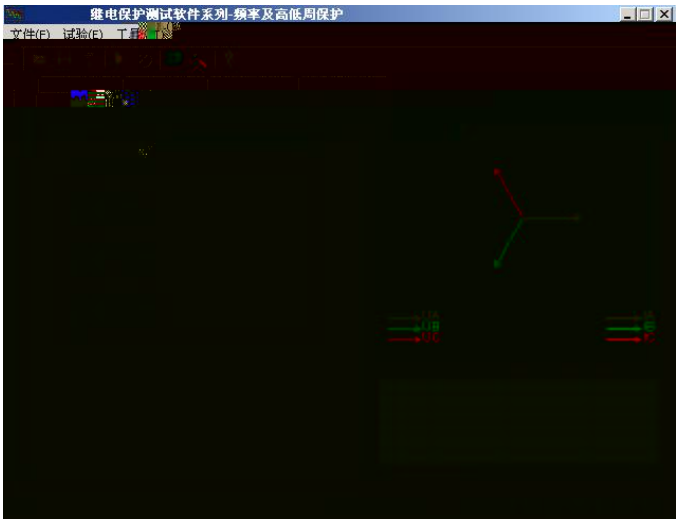
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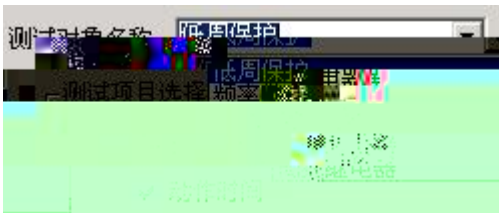
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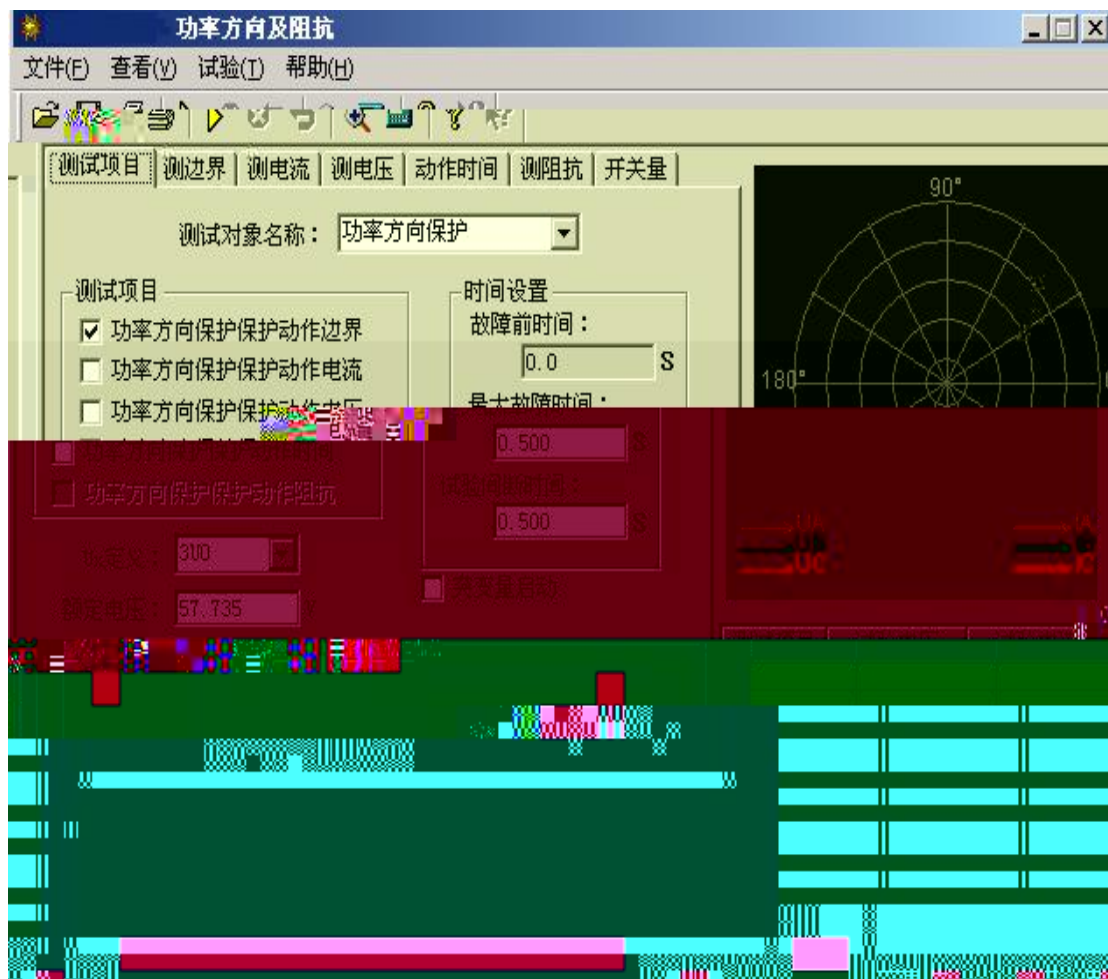
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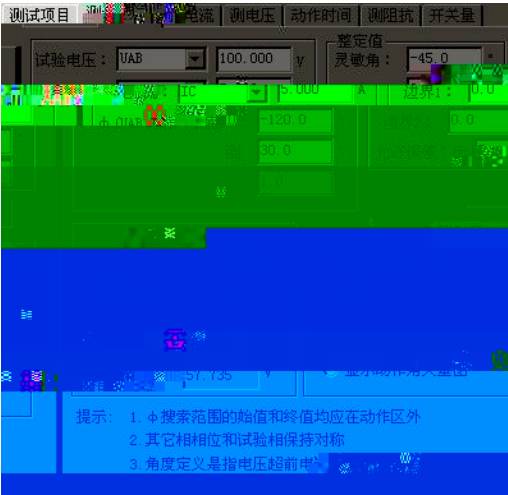


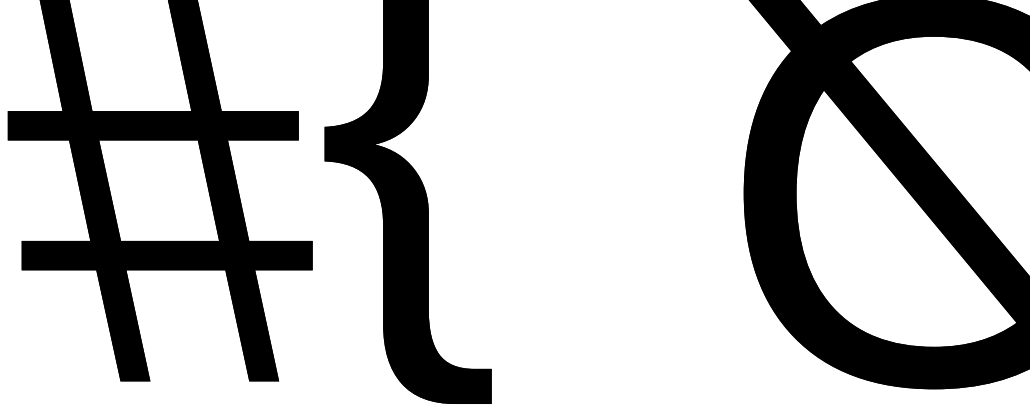
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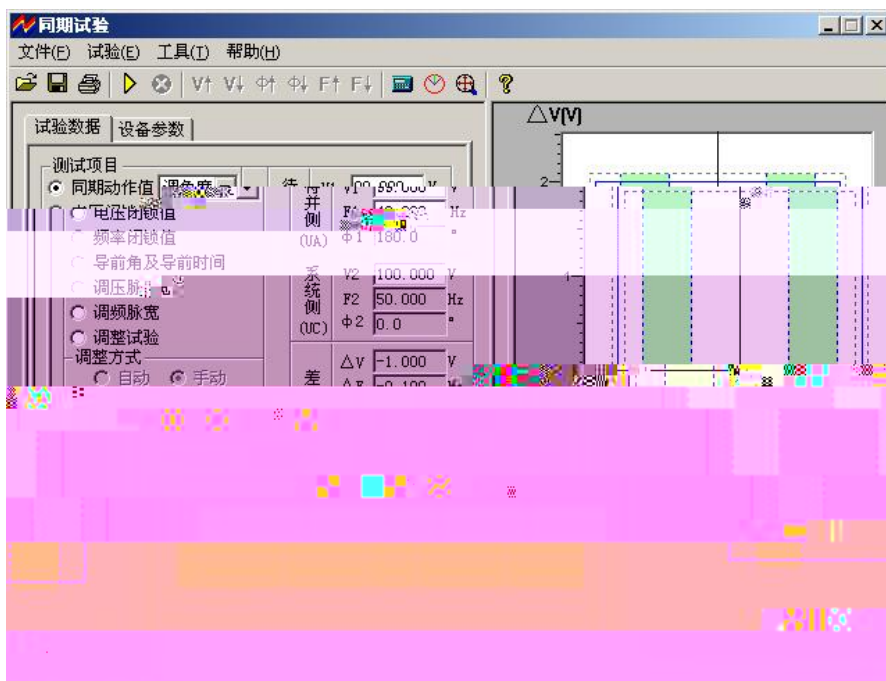
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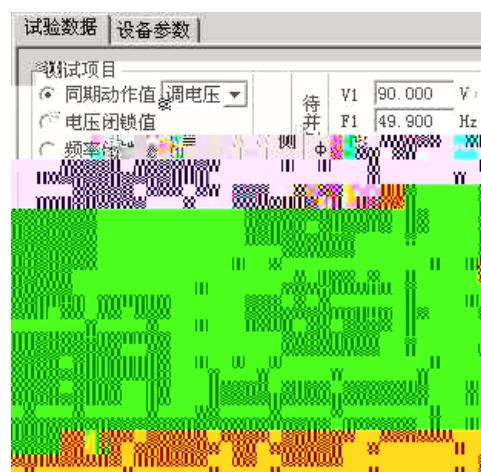






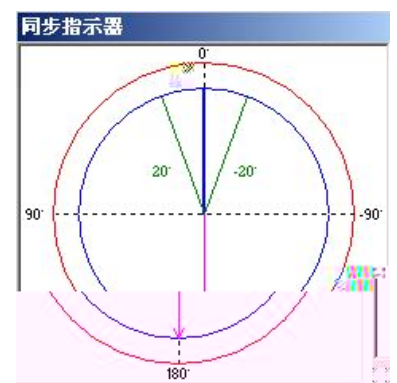
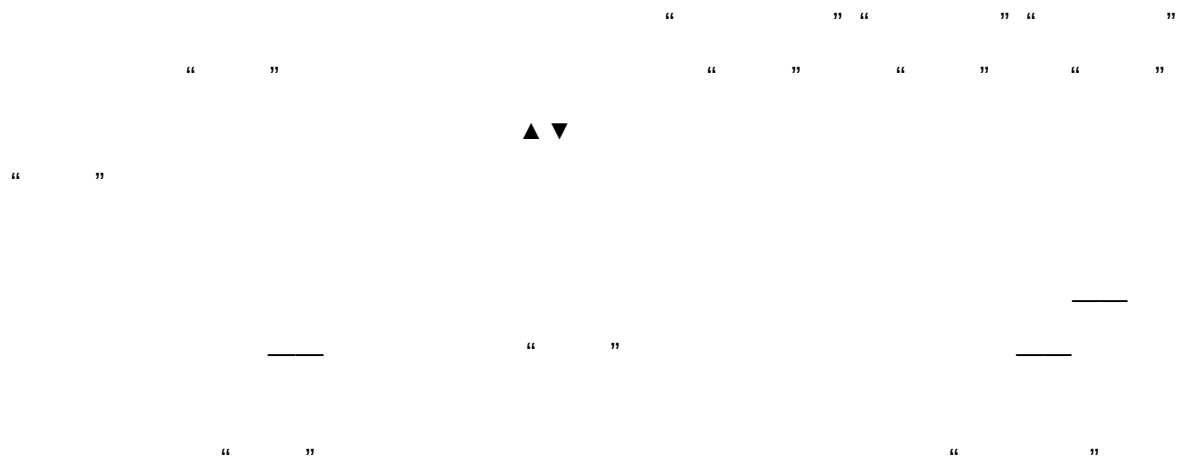
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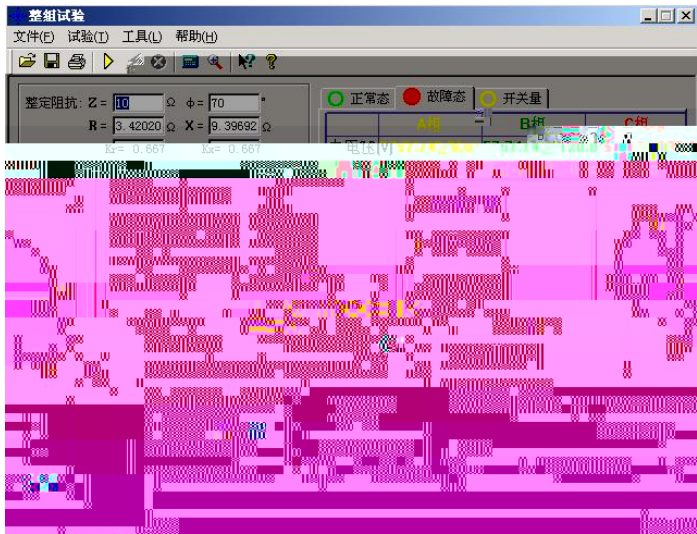
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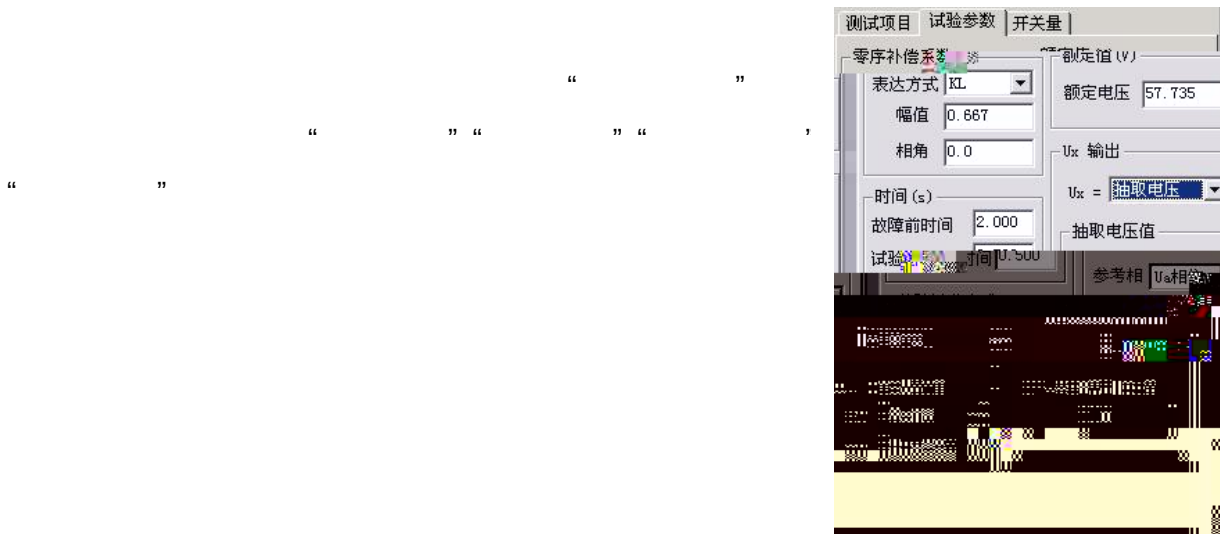
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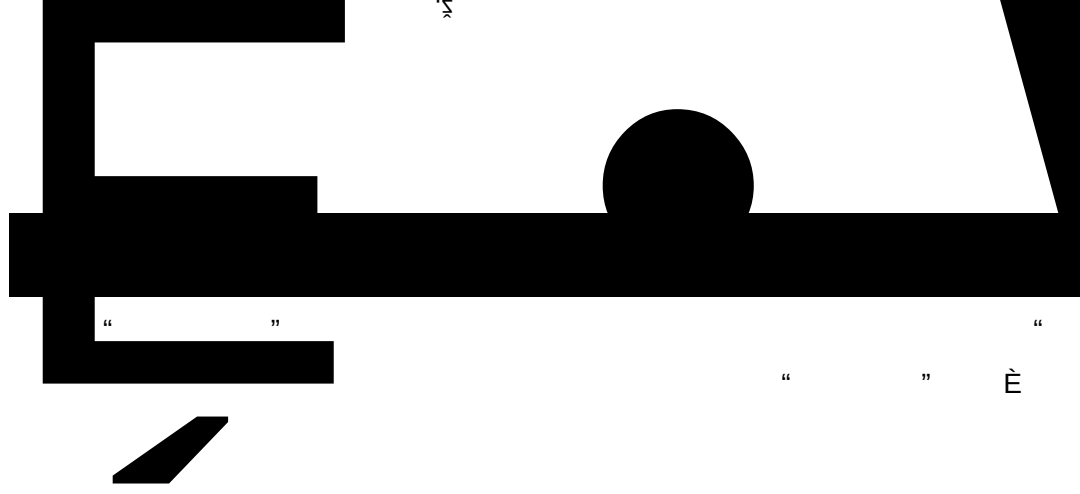


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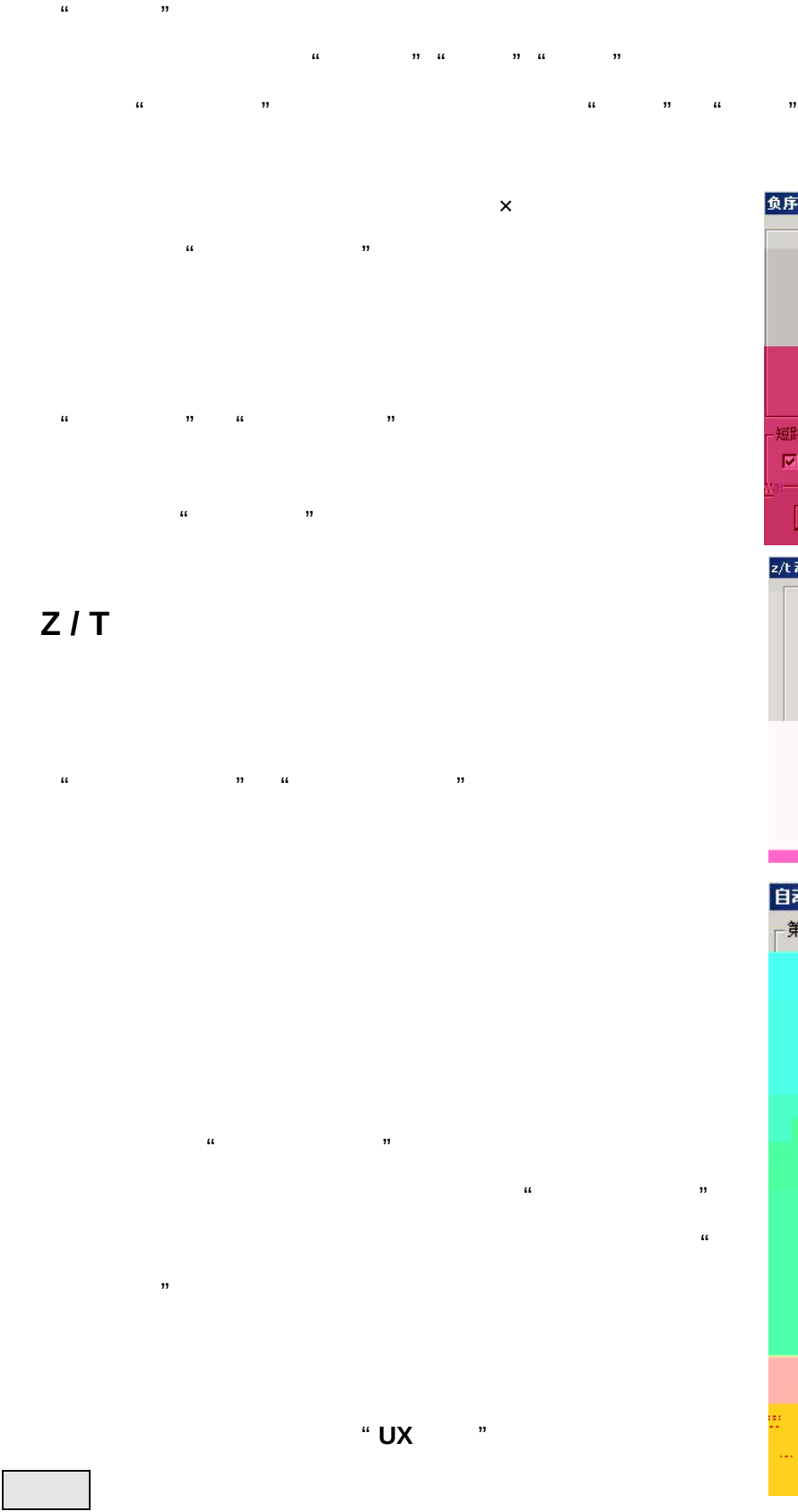
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负序定值检验

故障类型	A相接地	
负序电流 $3I_2$ 定值	2.000	A
整定动作时间	1.500	S
试验时间	2.000	S
故障电压	20.000	V
故障电压角	70.0	°

短路电流整定倍数

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确定 取消

z/t 动作特性

故障类型	A相接地	
短路电流	5.000	A
阻抗角	90.0	°
阻抗变化始值	5.000	Ω
阻抗变化终值	1.000	Ω
阻抗变化步长	0.200	Ω
整定动作时间	0.500	S
试验时间	0.700	S

确定 取消



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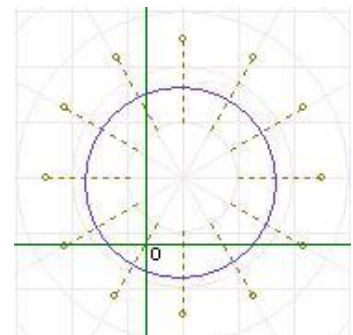
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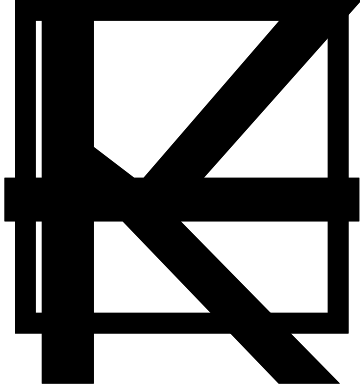
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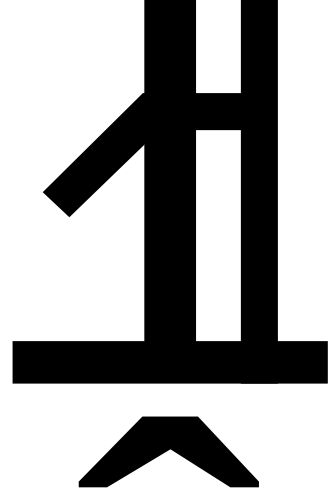
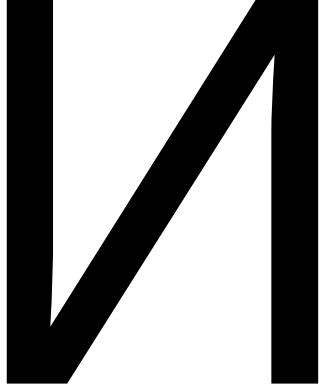
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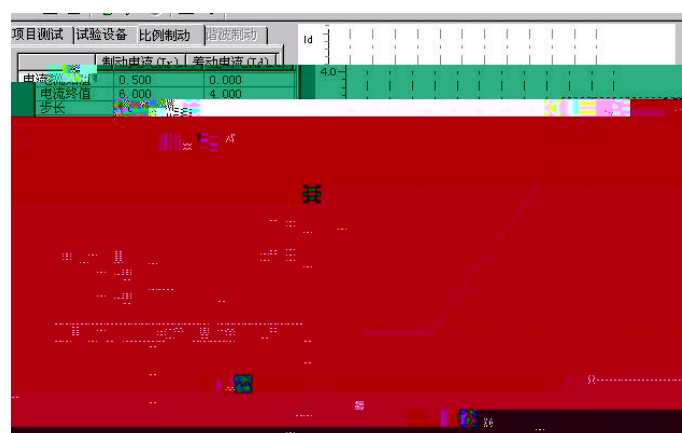
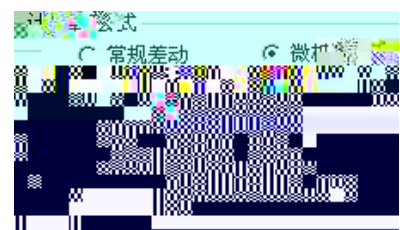
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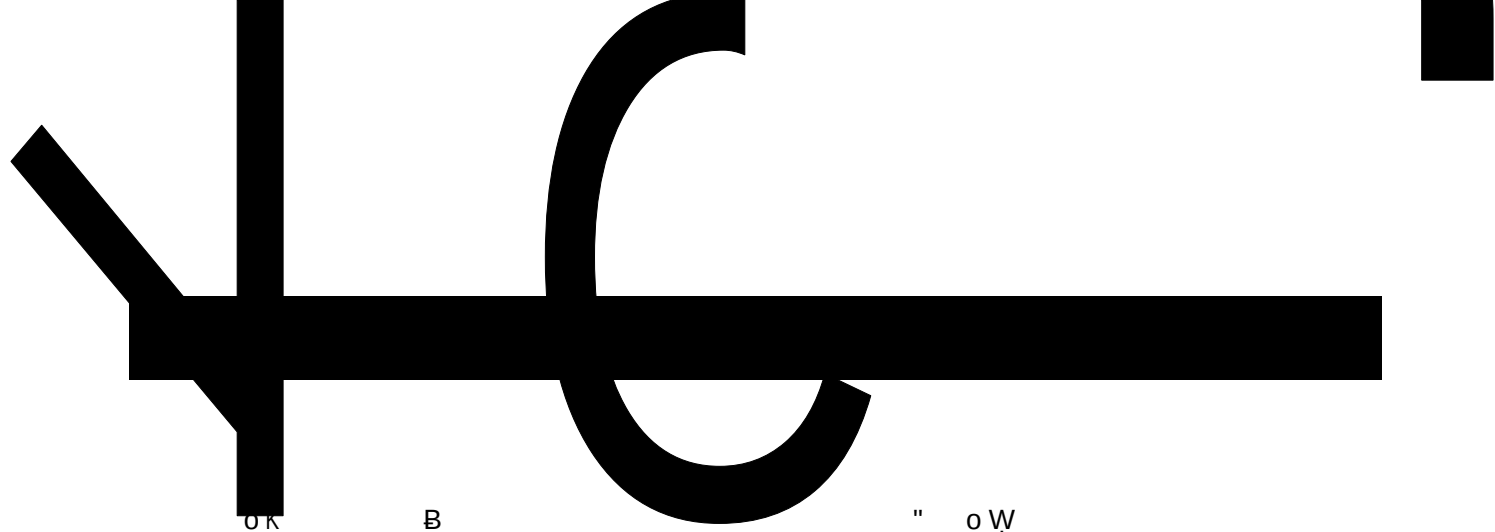


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$$\begin{array}{ccccccc}
 Y & & & & & & \\
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 & & & & & & Y_0 \quad , Y
 \end{array}$$



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Ie1=Sn/ 1.732 U1n CT1
Ie2=Sn/ 1.732 U2mT

$$Y/Y_{-11} = \frac{1}{1 + I_2 + I_3} \quad \text{Ir} = \max\{|I_1|, |I_2|, |I_3|\}$$

$$\begin{array}{ccc} \text{I1} & \text{I2} & \text{I3} \text{---} \\ \text{Kpm} & \text{Kpl} \text{---} & \end{array}$$

$$I_d = |I_1 + I_2| \quad I_r = |I_1 - I_2|/2$$

$$K1=1.732 \quad K2=I_{e1}/I_{e2}$$

Ie1 Ie2-

$$I_d = |I_1| + |I_3| \quad I_r = \text{Max}\{|I_1|, |I_2|, |I_3|\}$$

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$$I_d = |I_1 + I_2| \quad I_r = \text{Max}\{|I_1| \quad |I_2|\}$$

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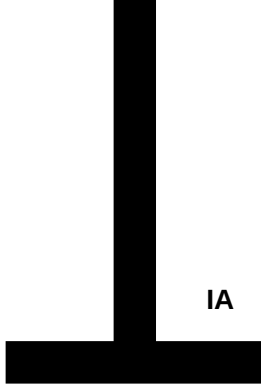
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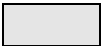
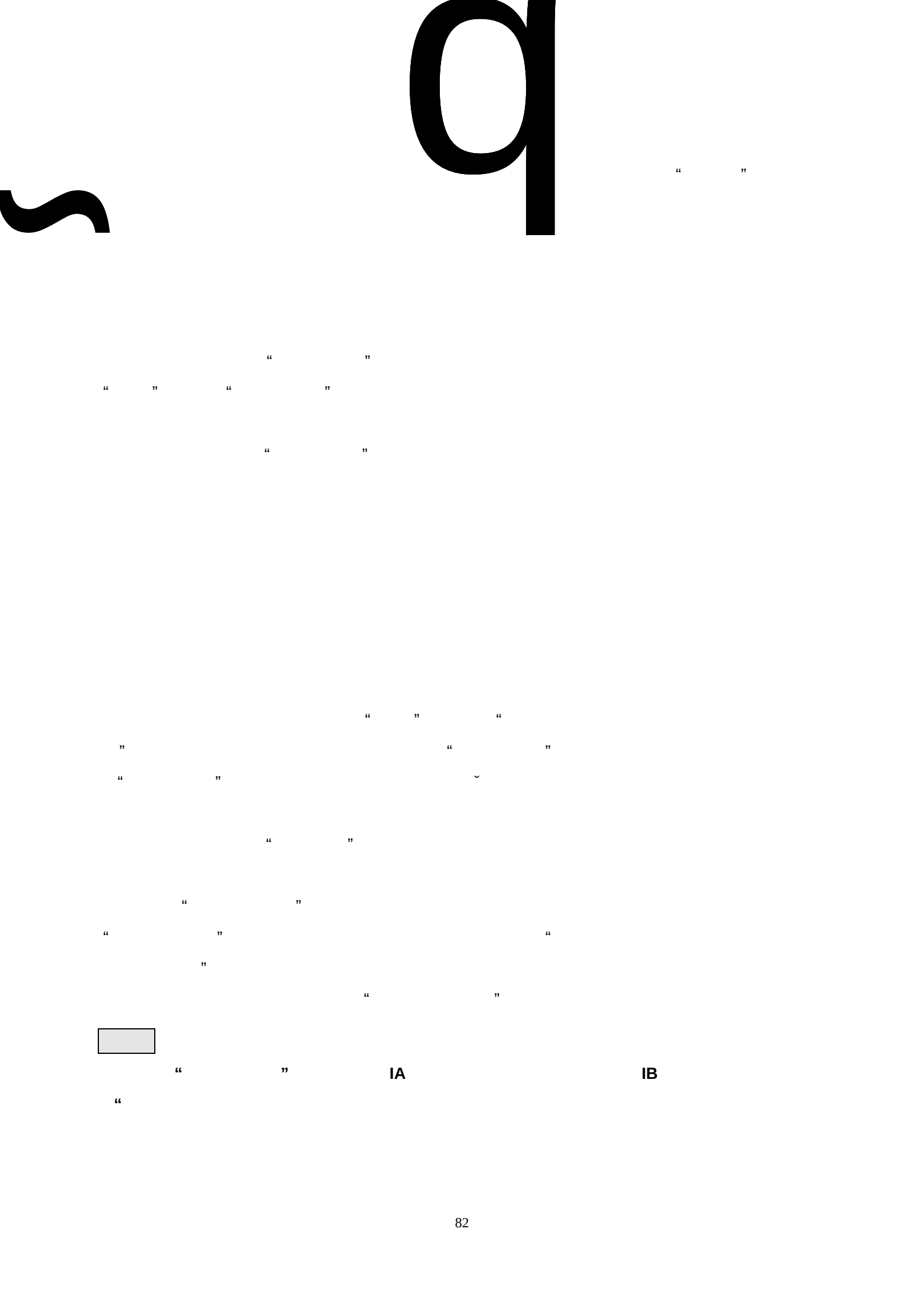
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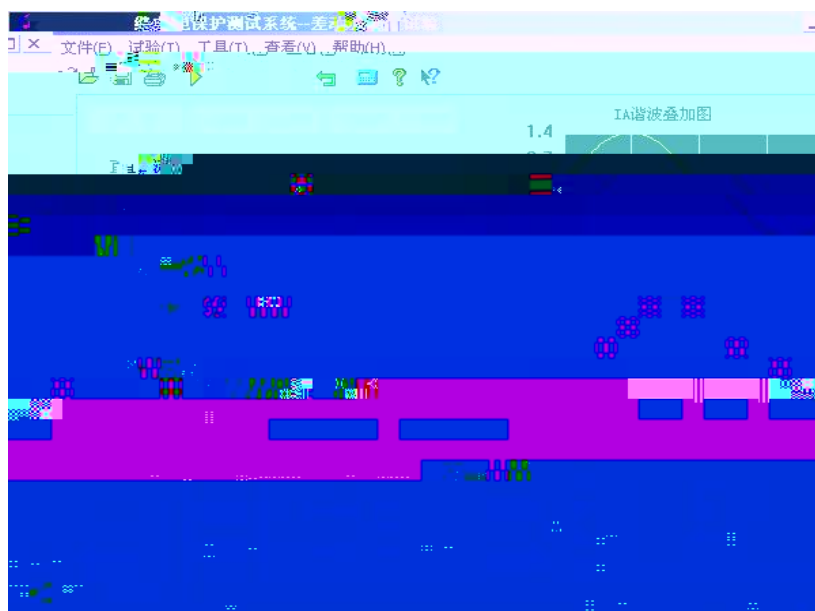
$$I_{sh} = \frac{4.000}{1.000} A = 4.000 A \quad I_h = \sqrt{6.100} A \quad I_l = \sqrt{1.900} A$$

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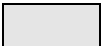
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$$I_{sj.h} = I_h * K_h \quad I_{sj.l} = I_l \quad K_l$$



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电压	
UA	57.735V 0.0°
UB	57.735V 240.0°
UC	57.735V 120.0°

电流	
IA	0.000A 0.0°
IB	0.000A 0.0°
IC	0.000A 0.0°

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参数设置	
试验参数	
故障相	A相
故障电流	7.200 A
故障电压	30.000 V
灵敏角	30.000°
故障前延时	25.000 s
最大故障时间	1.200 s

说明

开出1接至保护装置的断路器位置
开出2接至保护装置的重合闸位置

确定 取消

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功率方向试验参数

试验相	试验参数
☒ A相	故障前延时 0.500 s
	最大故障时间 0.500 s
☒ B相	试验时间 0.500 s
	90° 接线线电压 50.000 V
☒ C相	试验相电流 5.000 A
	角度分辨率 1.000 °

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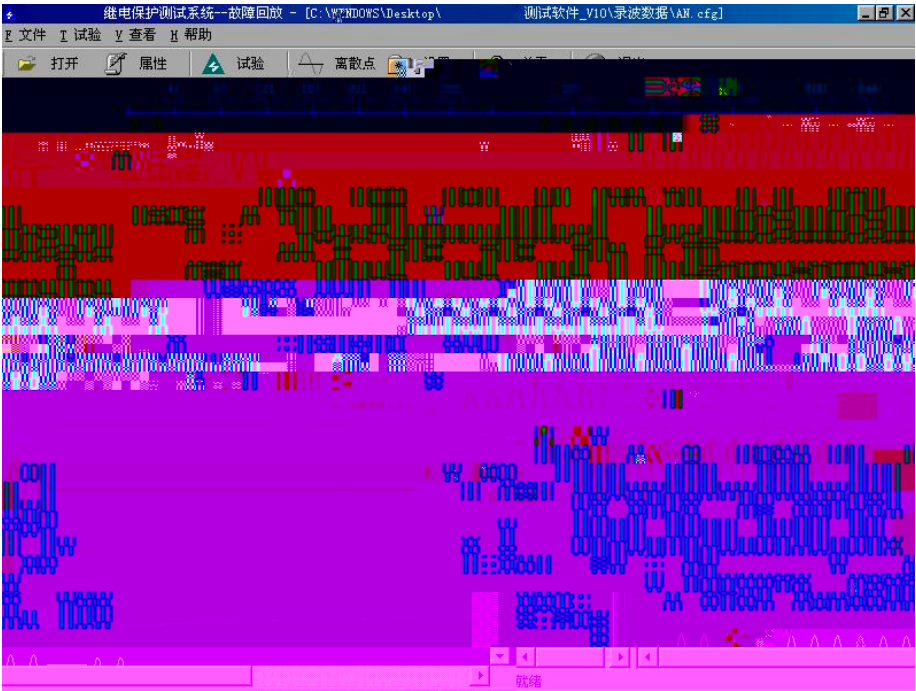
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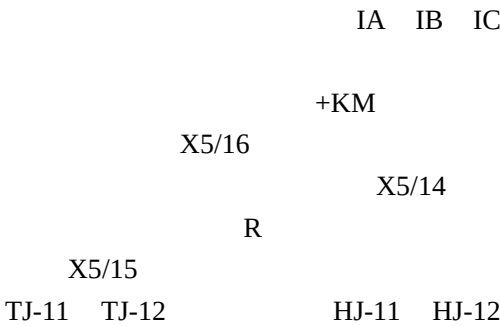
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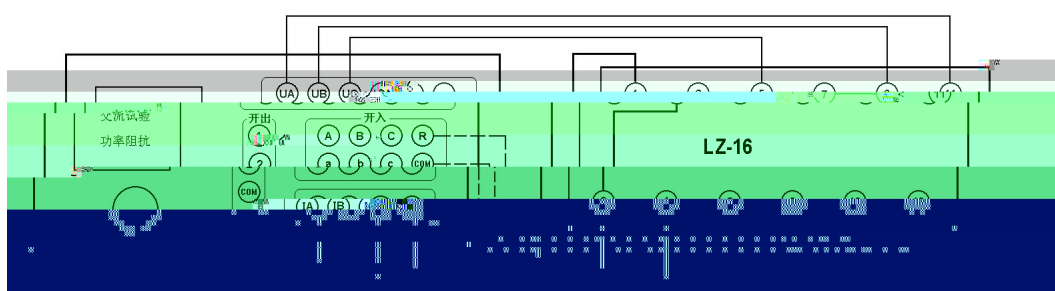


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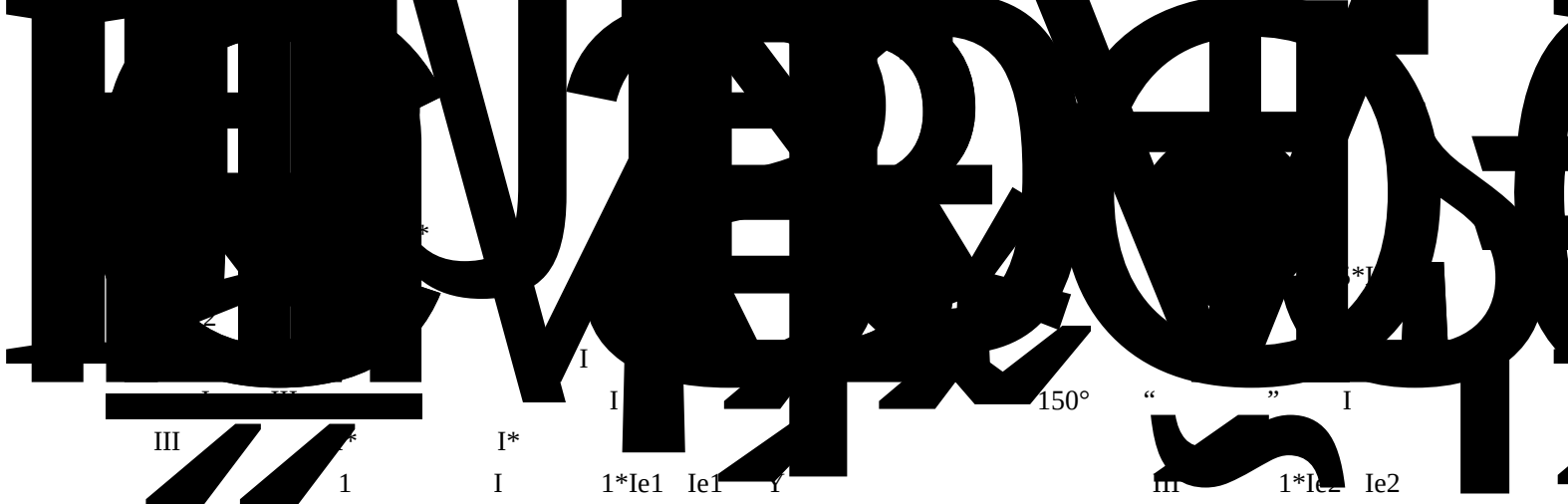
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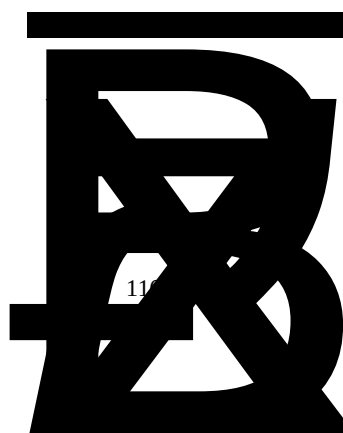
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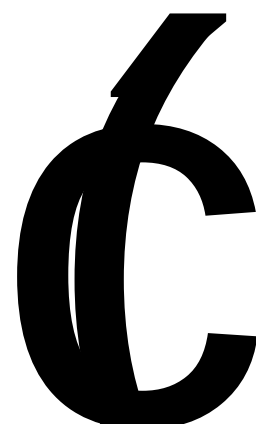
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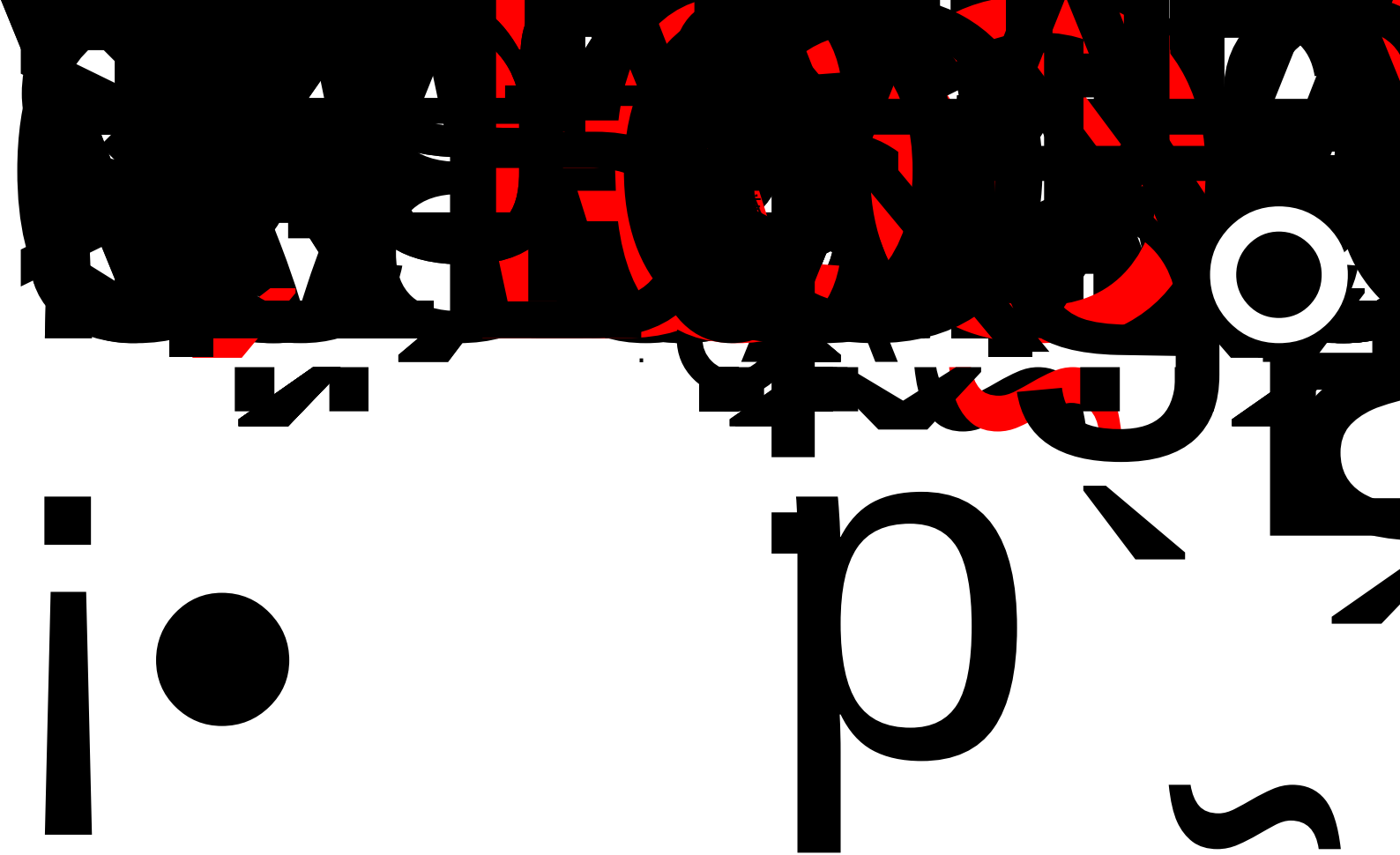
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