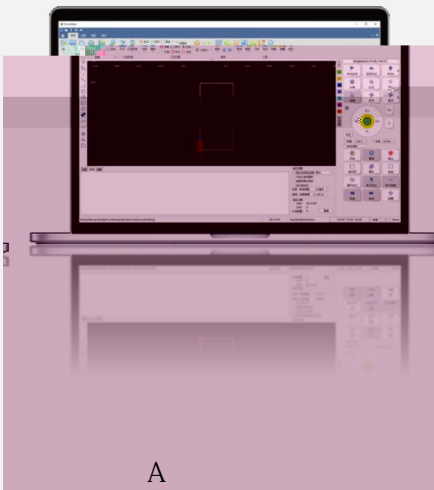


# XC3000S

## XC3000S Laser Cutting System User Manual



V1.1	2025/3/26	
V1.2	2025/10/30	

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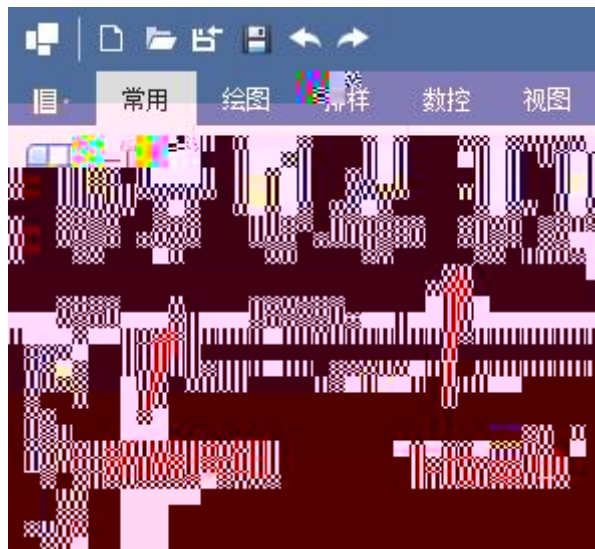


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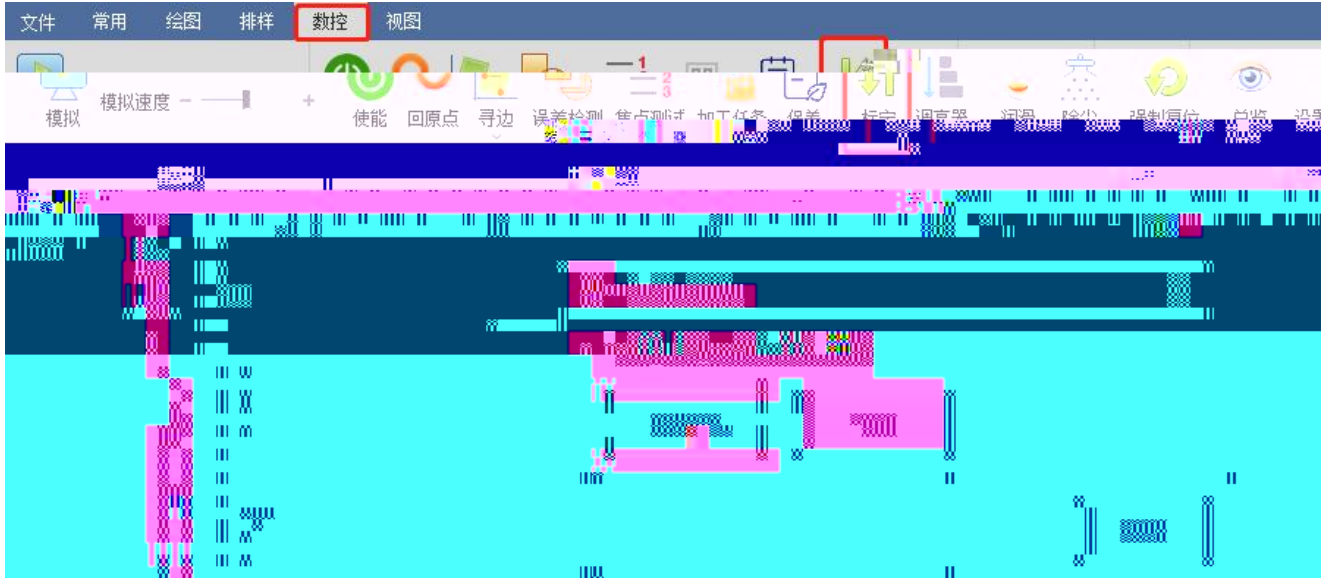
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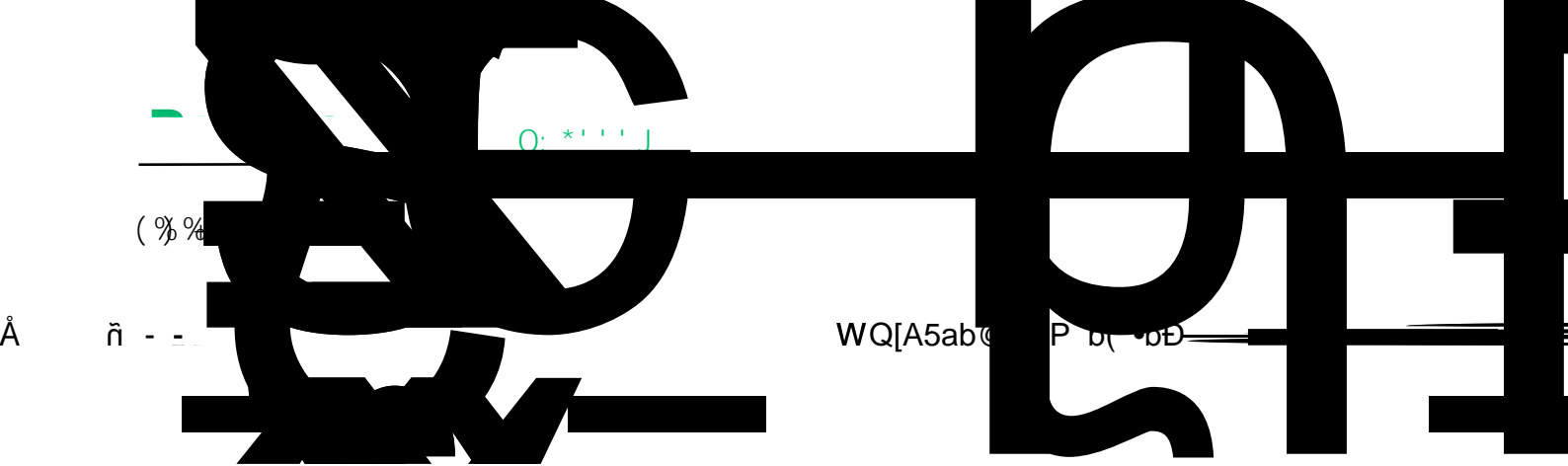
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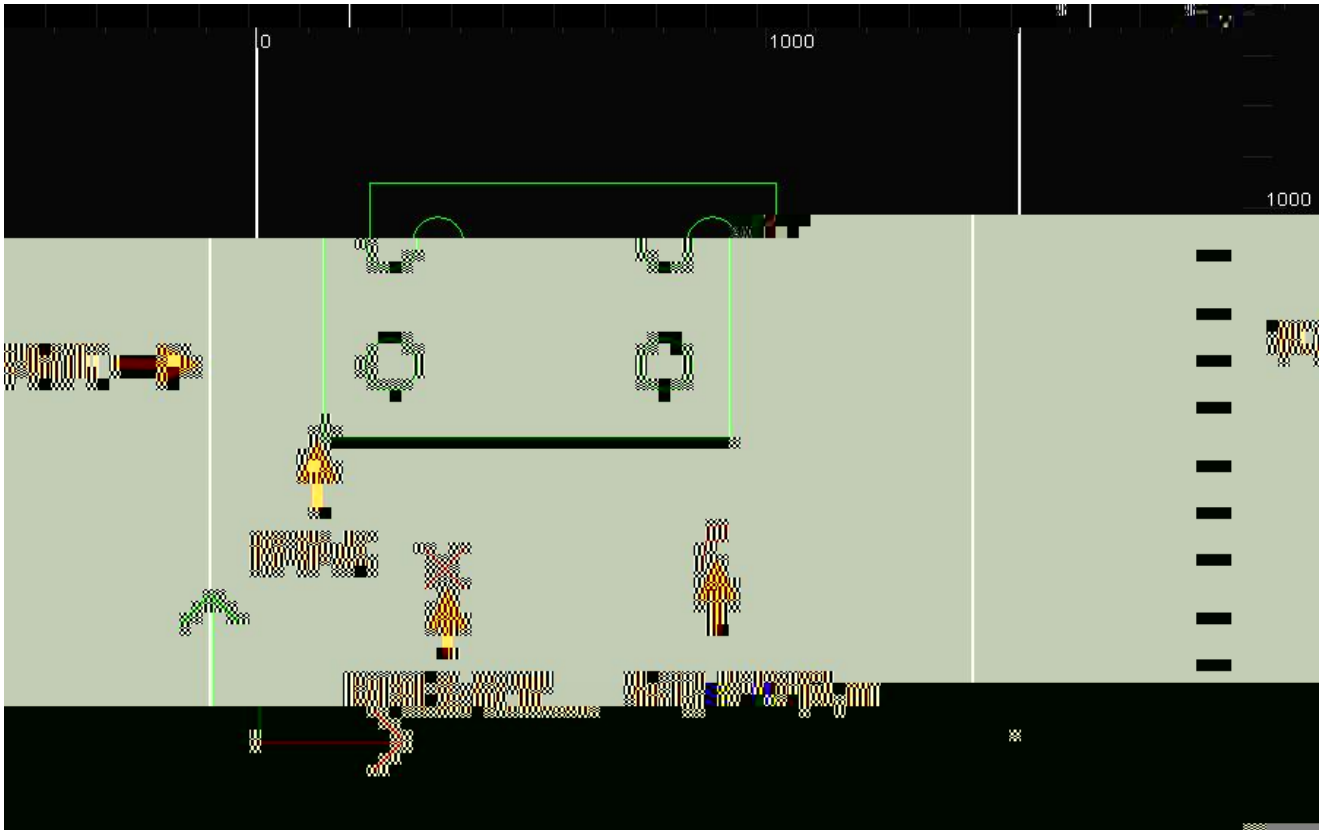
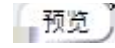
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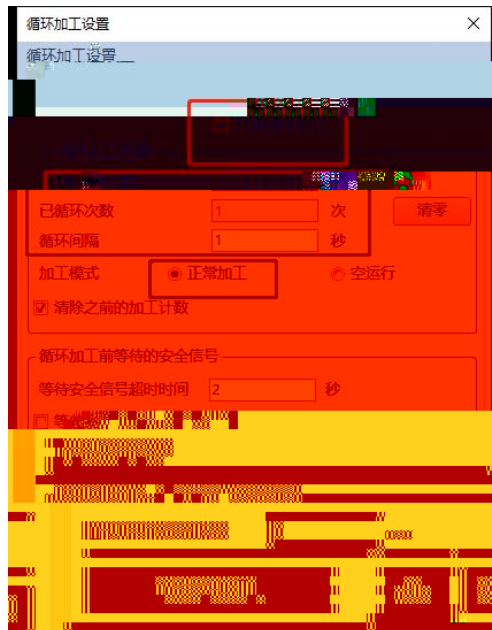
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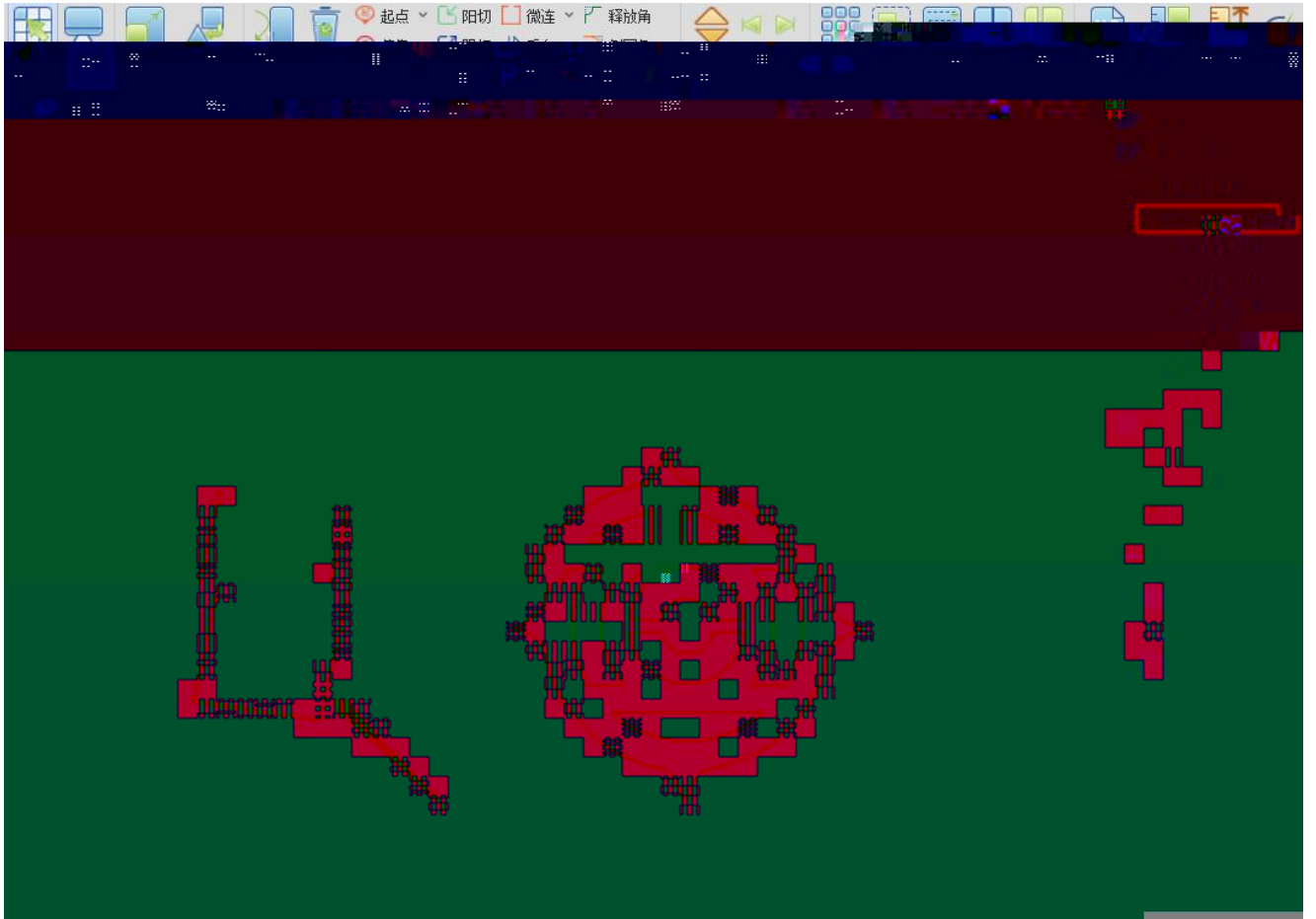
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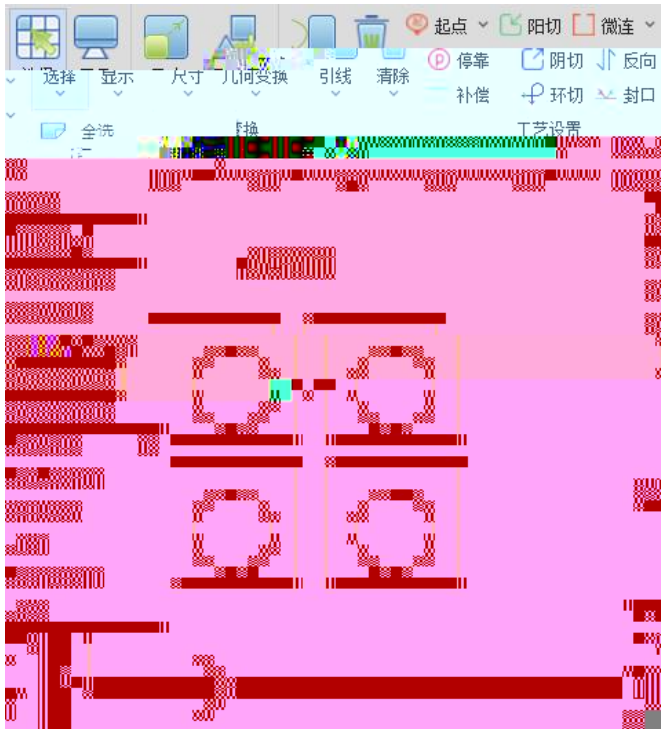
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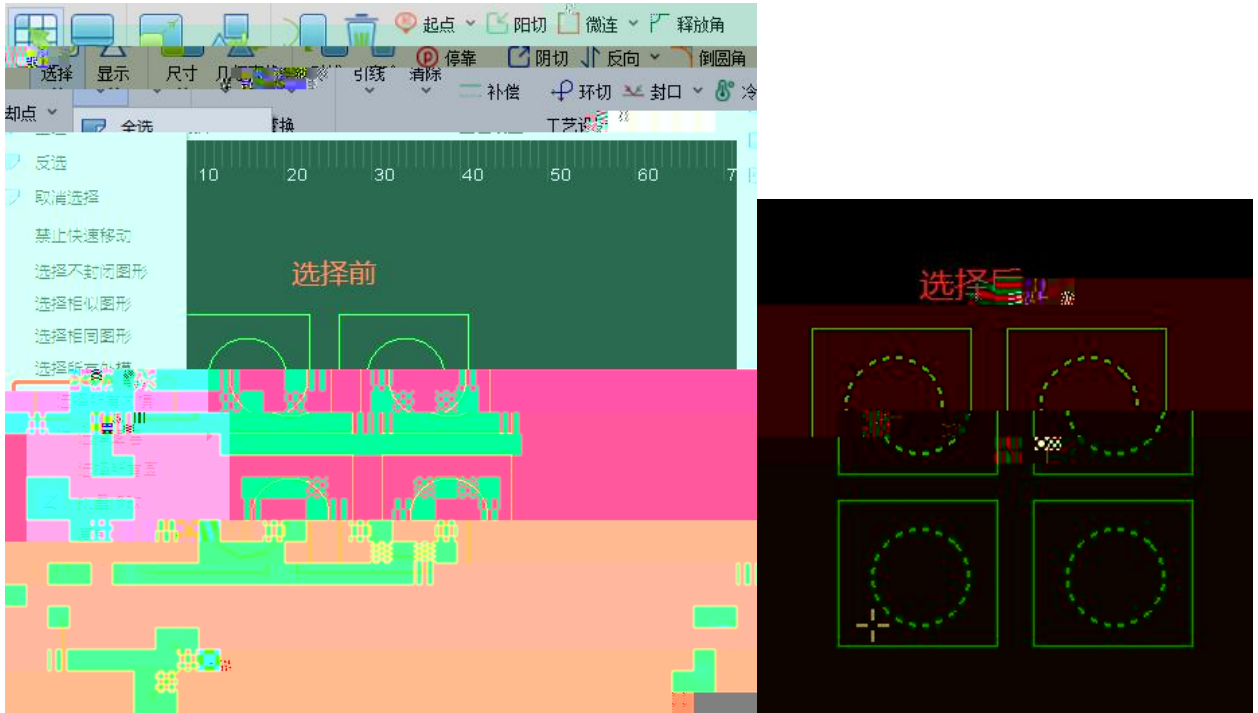


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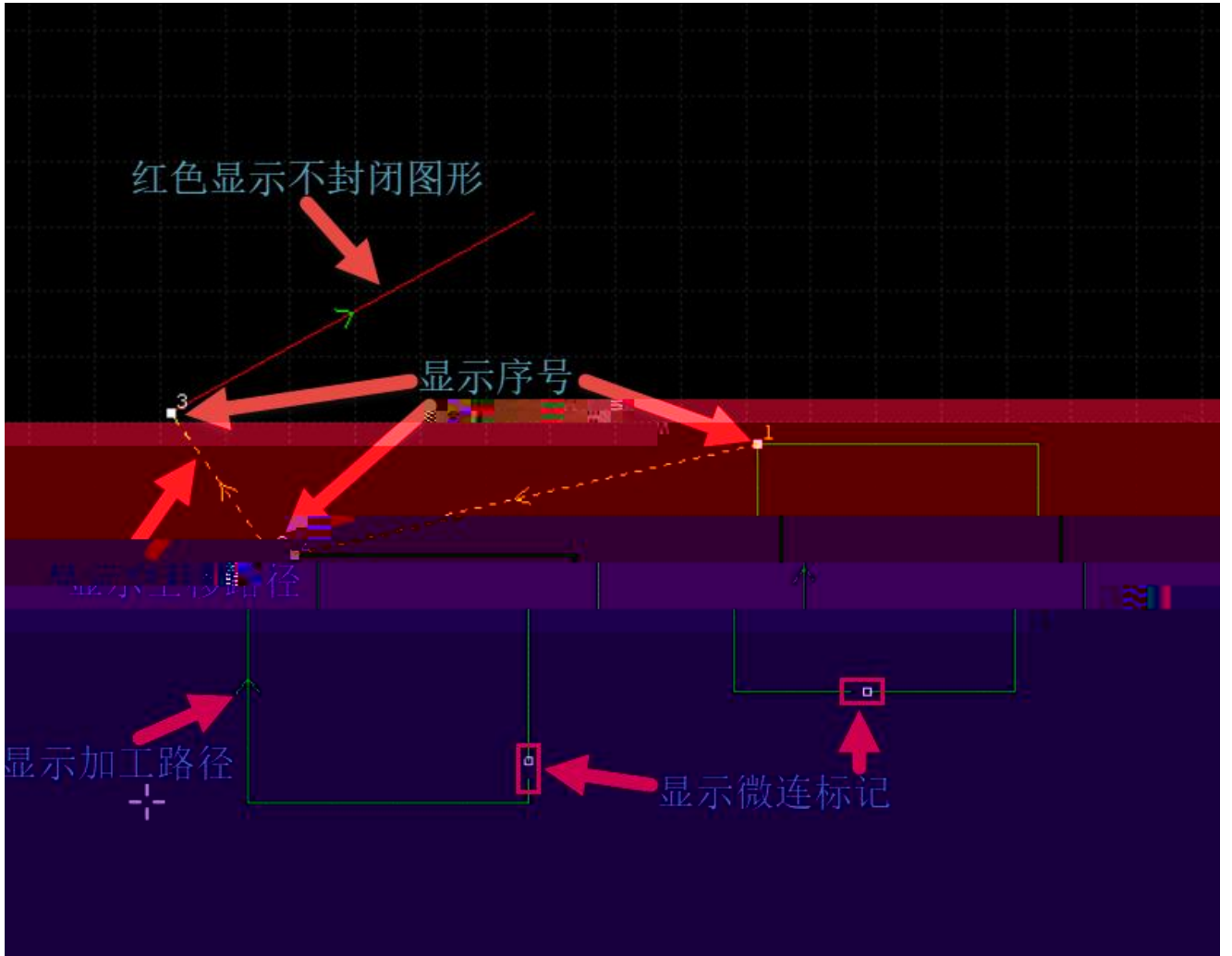




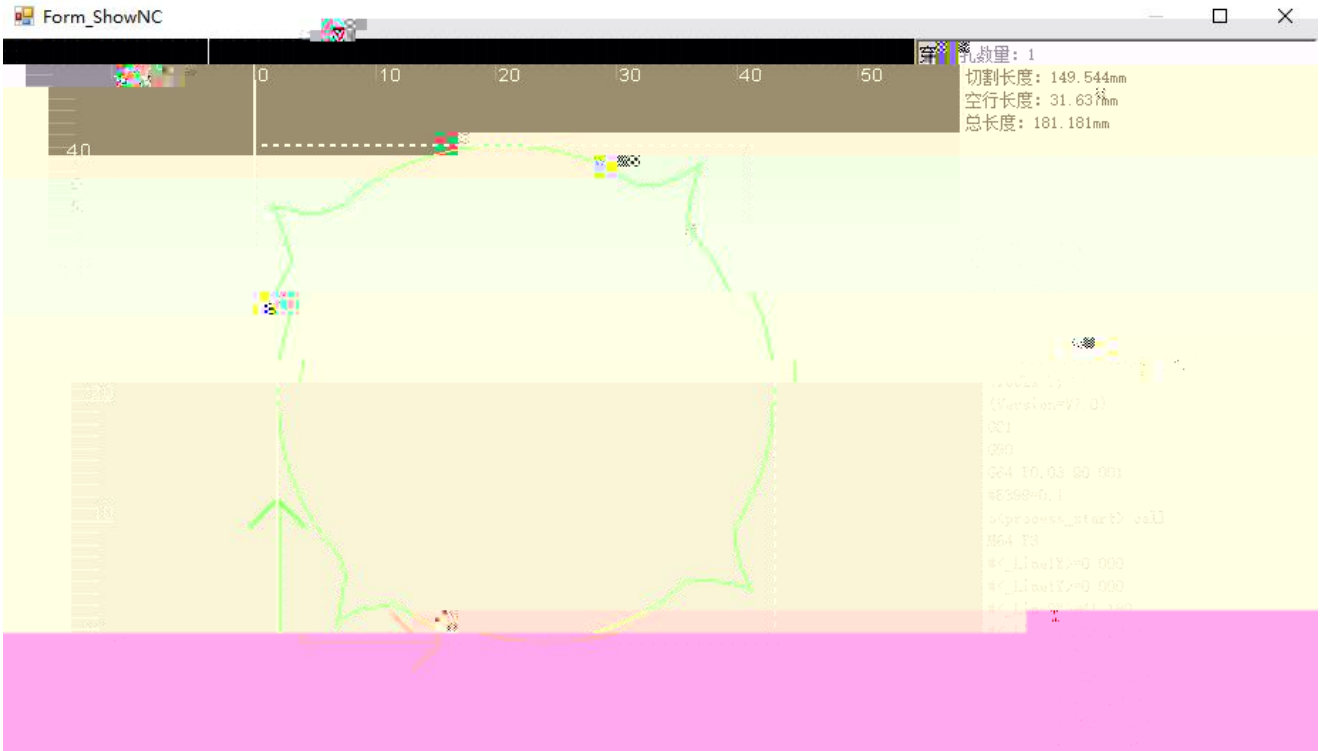


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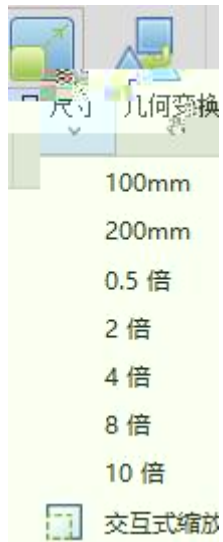
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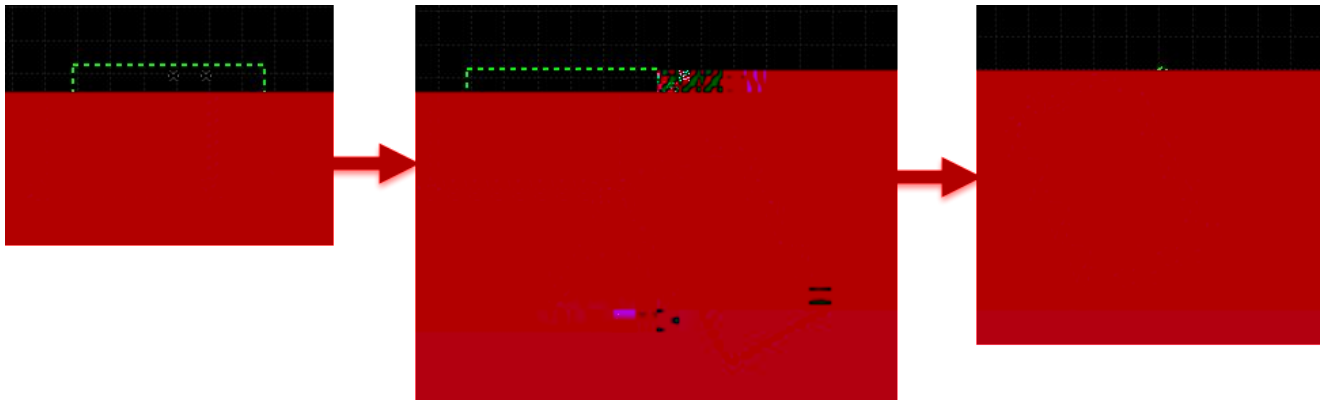


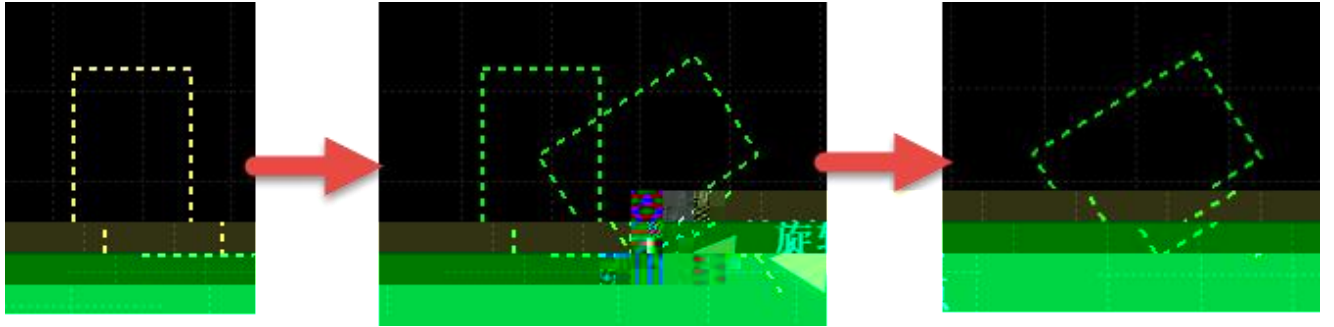
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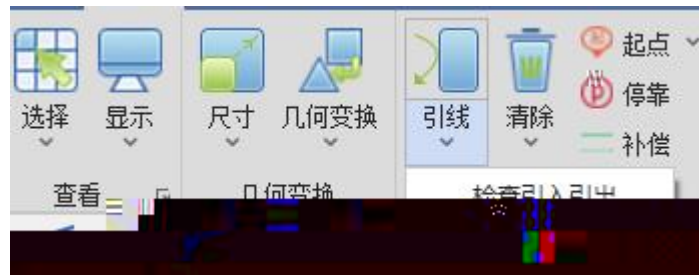
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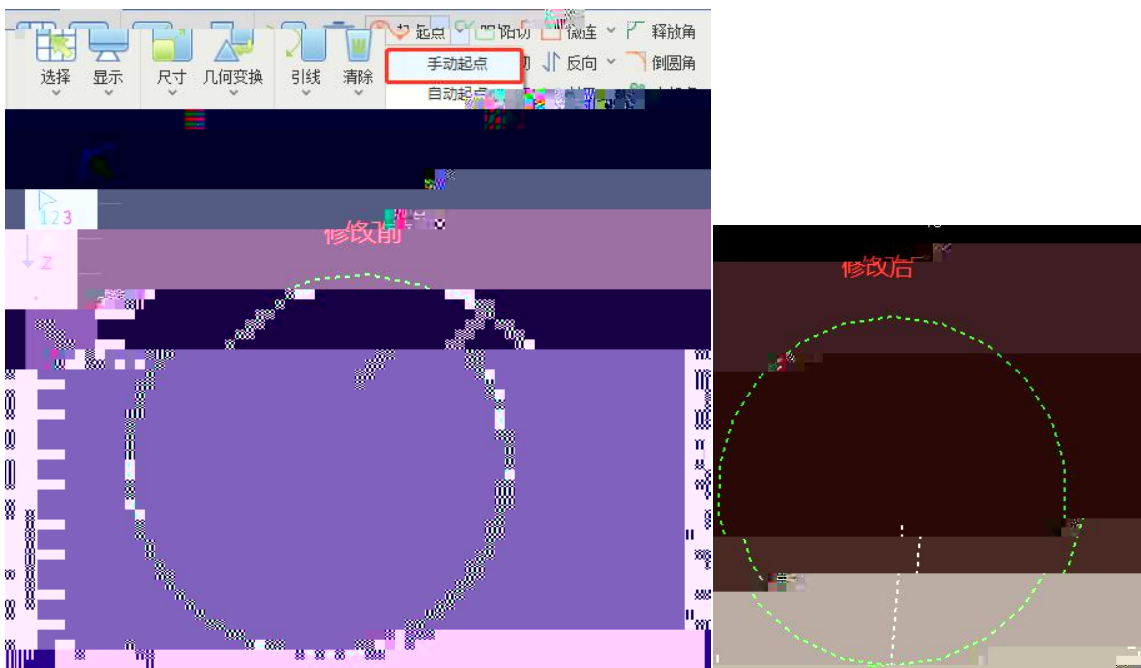
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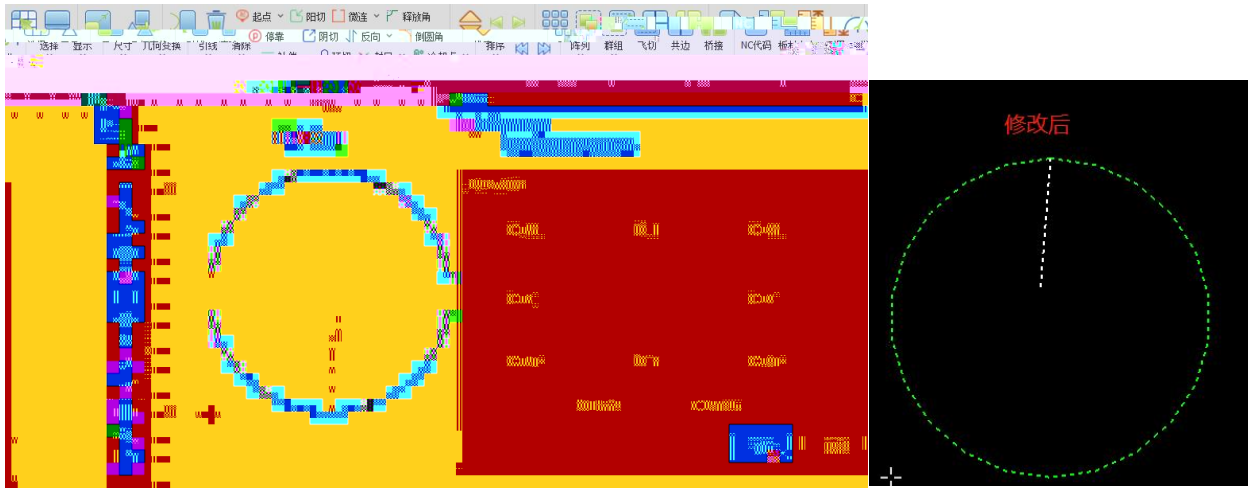
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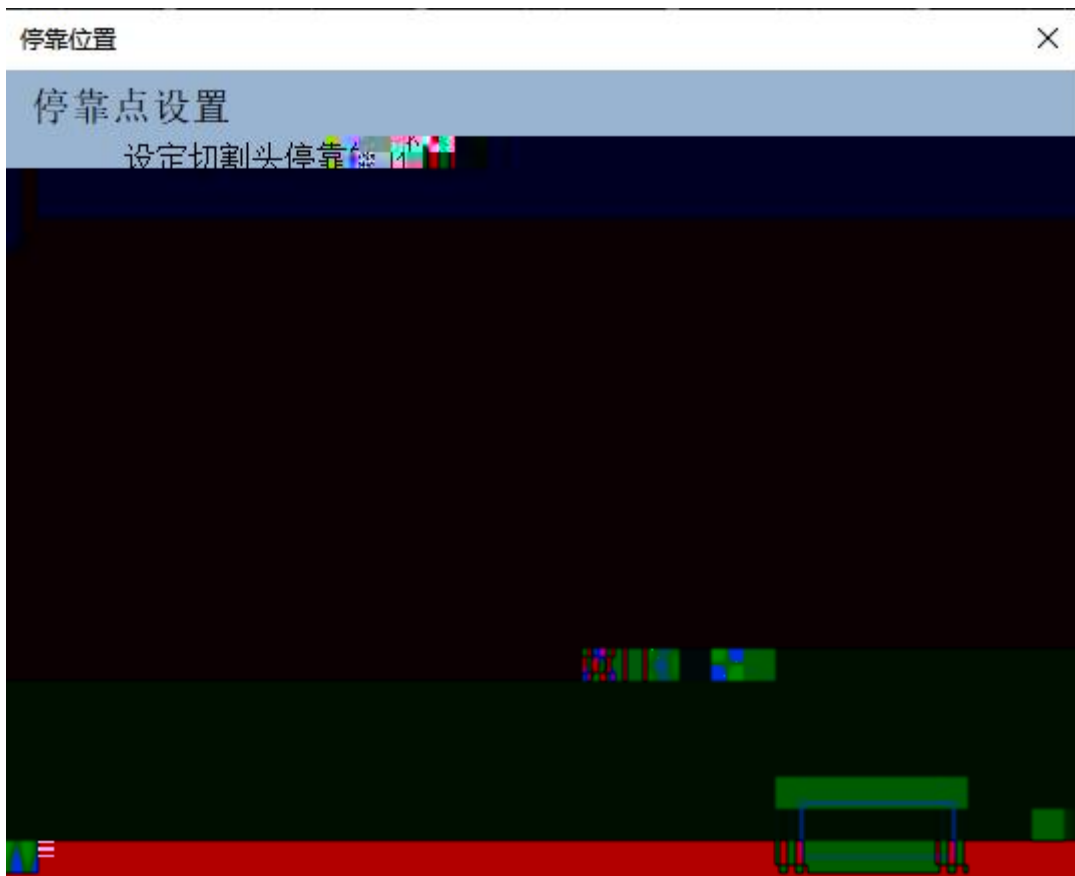
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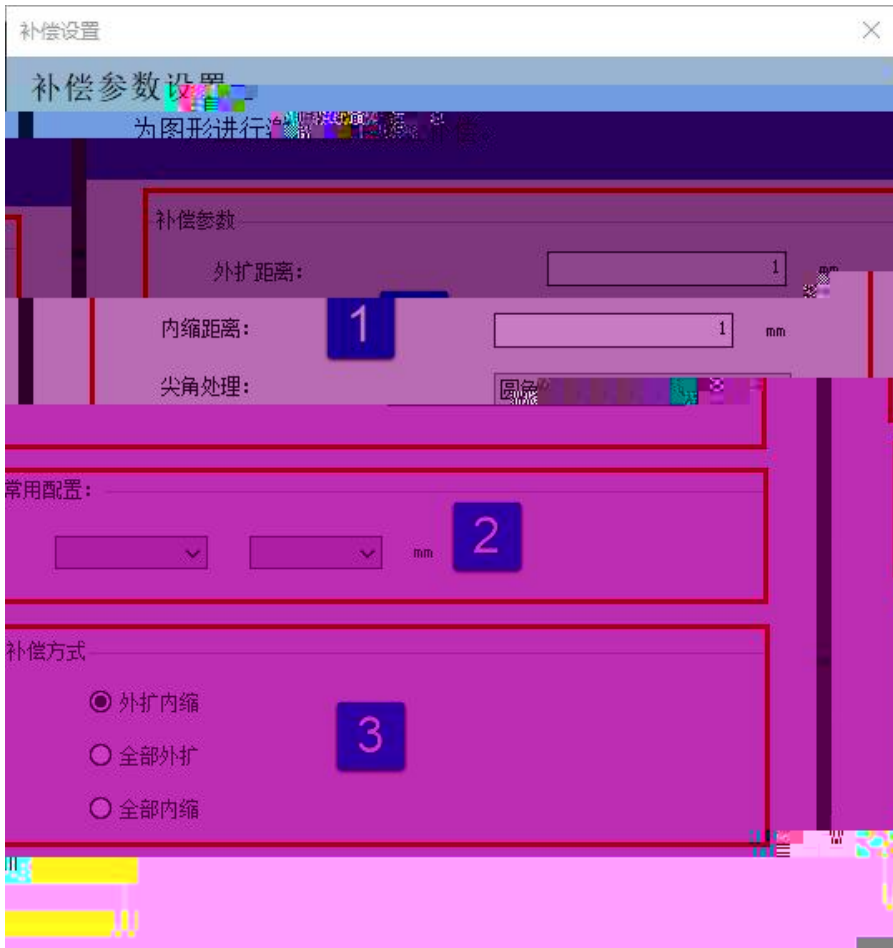
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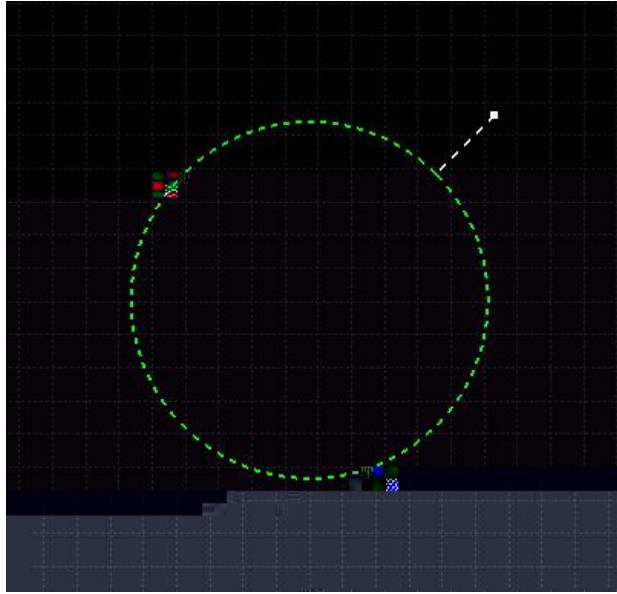
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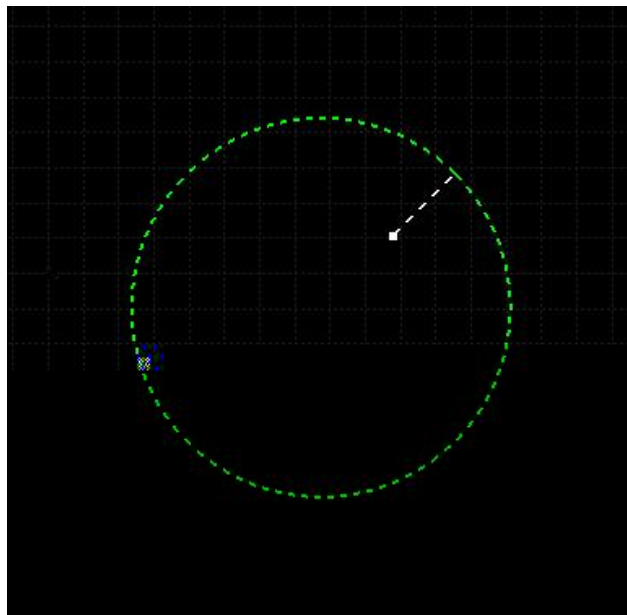
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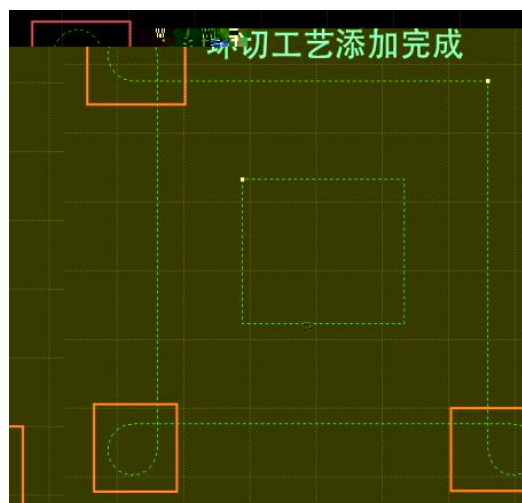
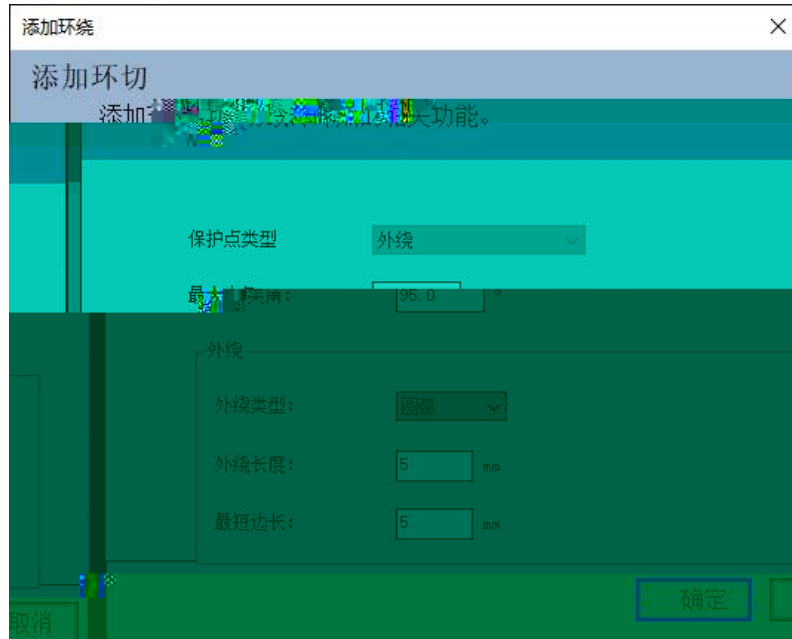
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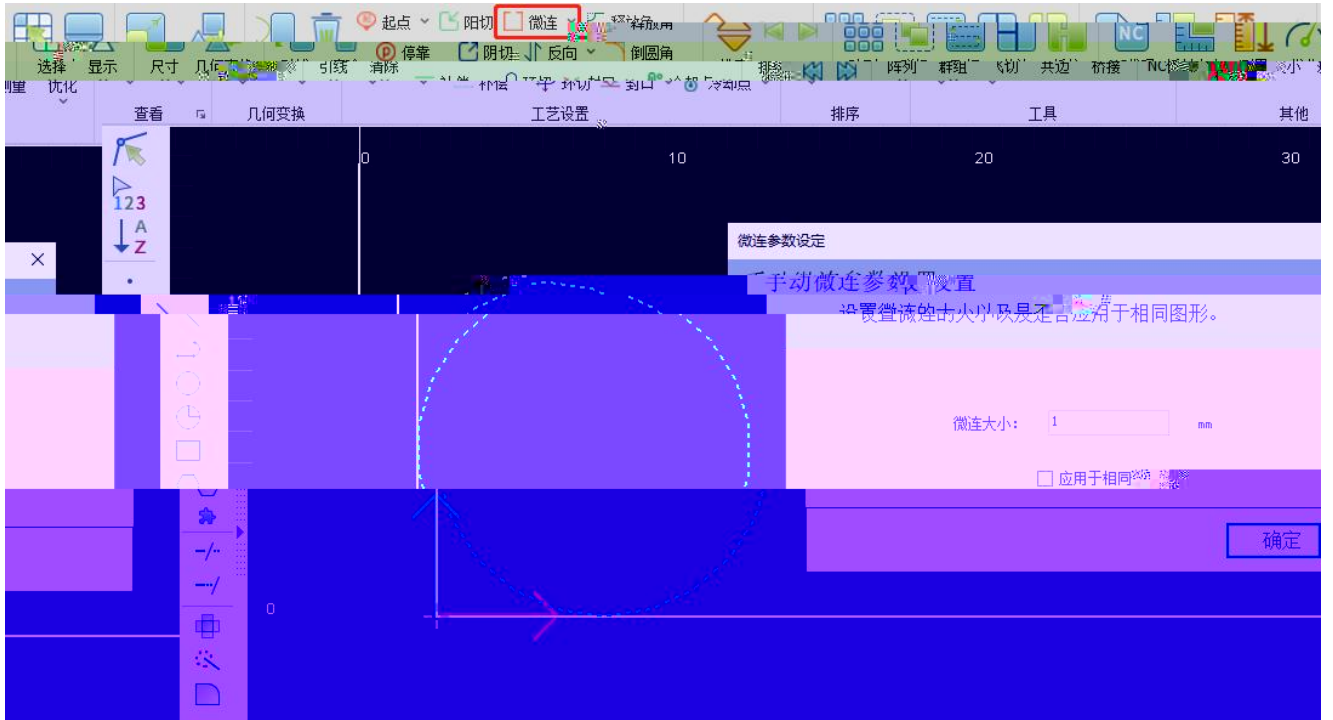
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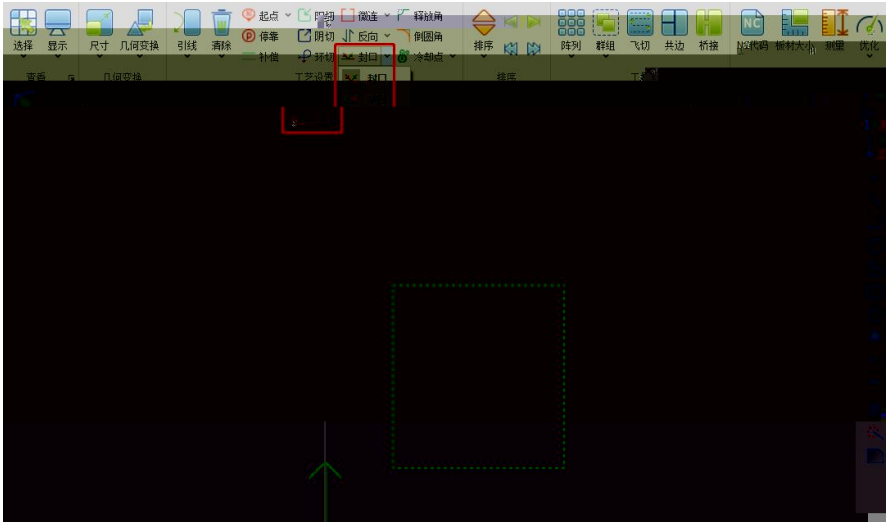


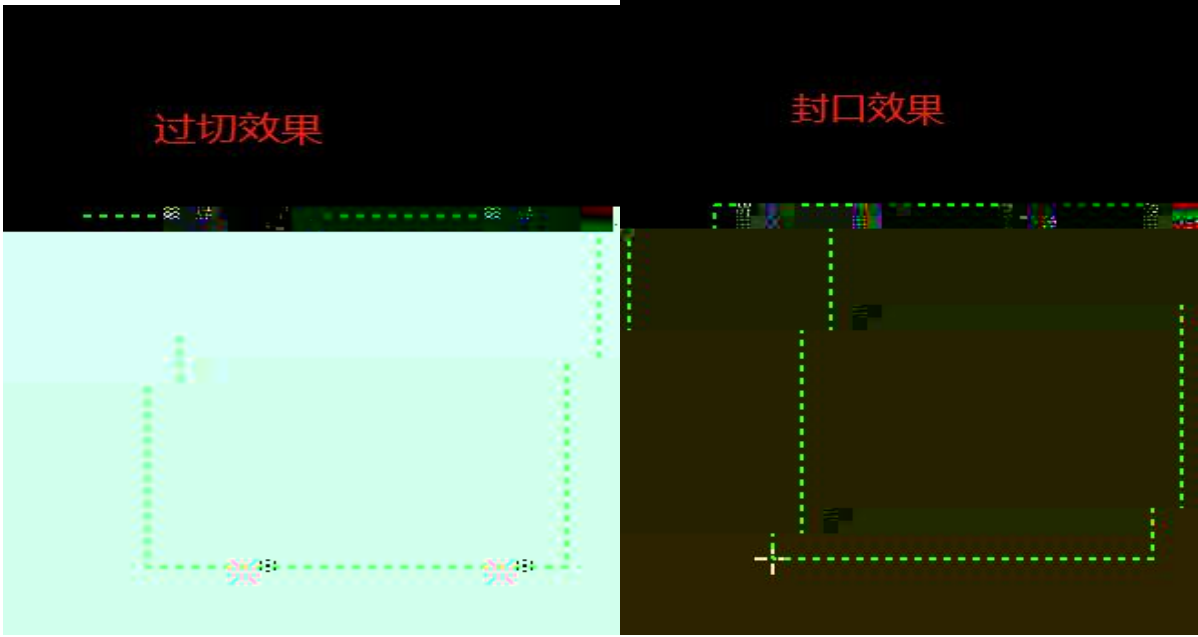
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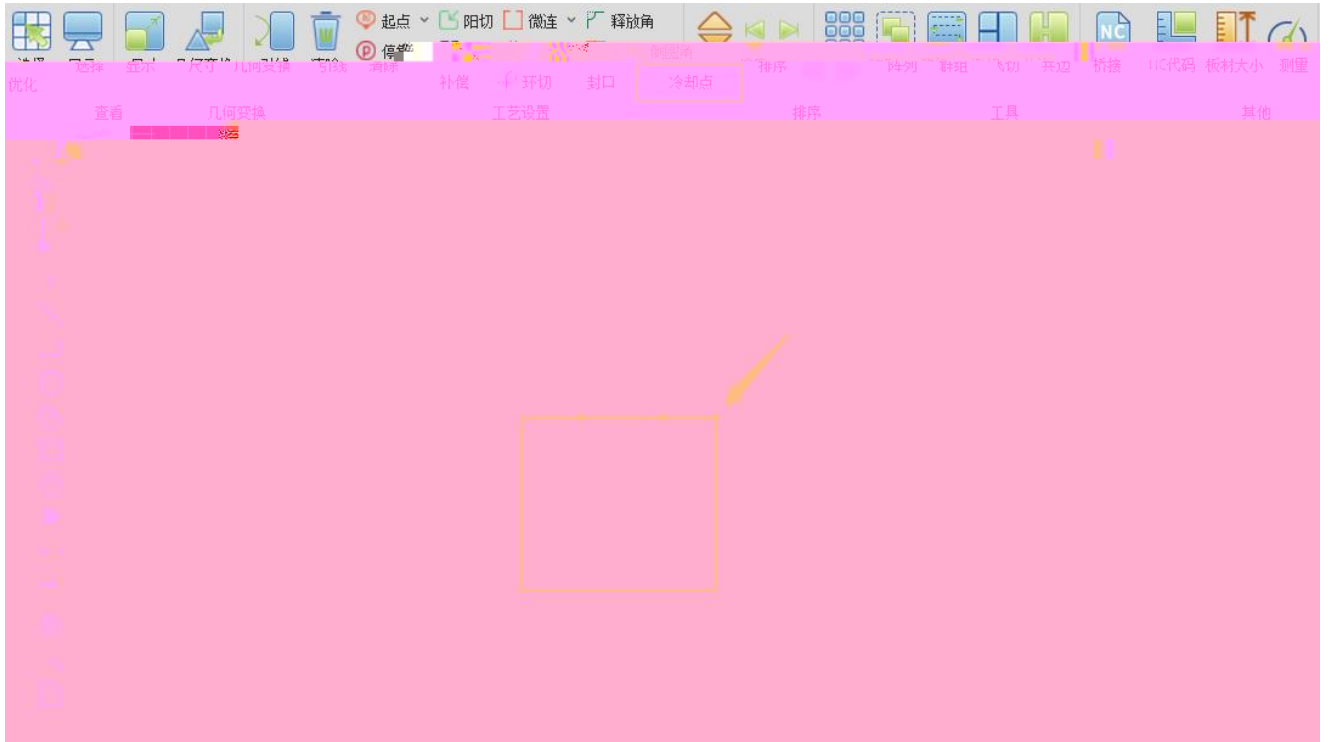
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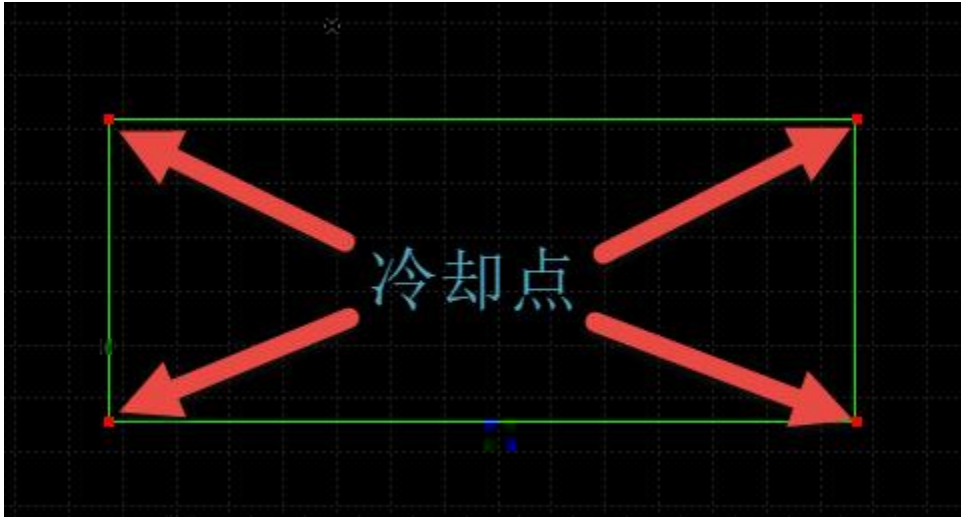




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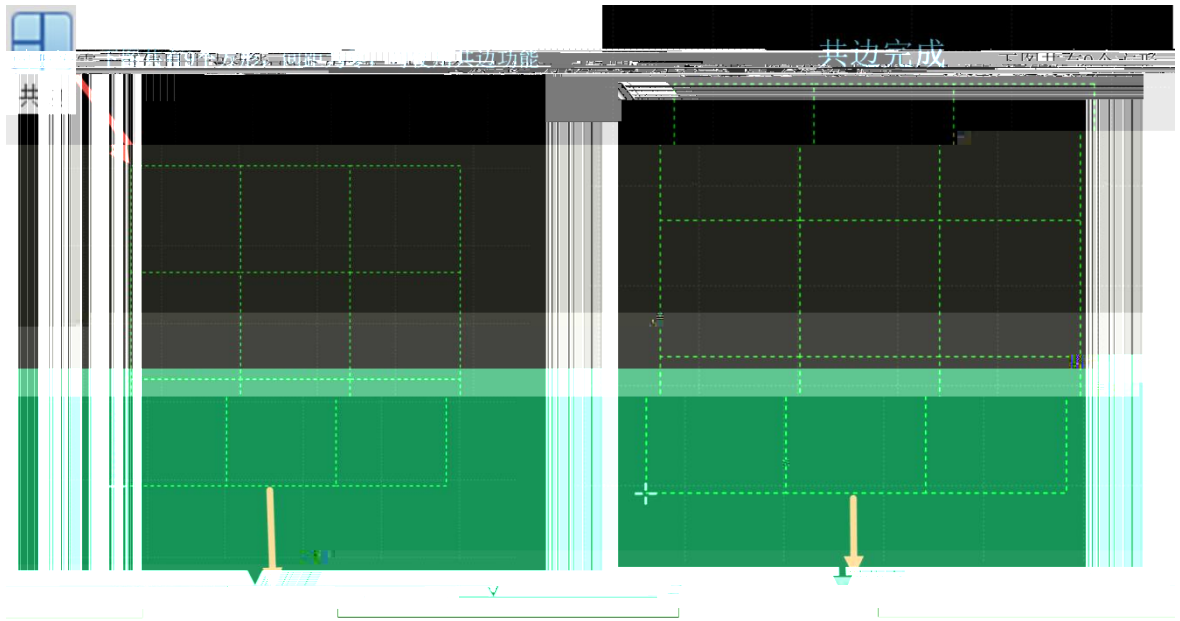




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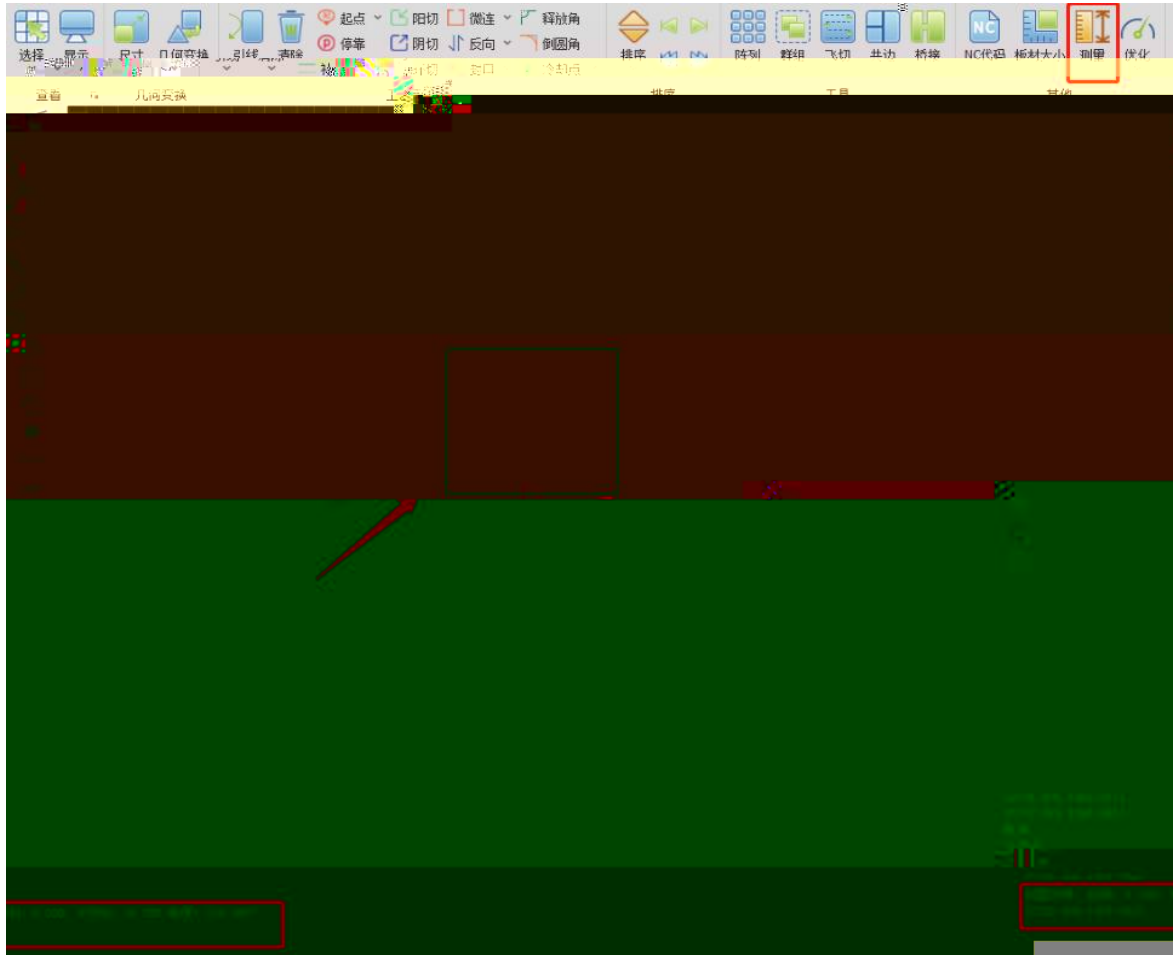
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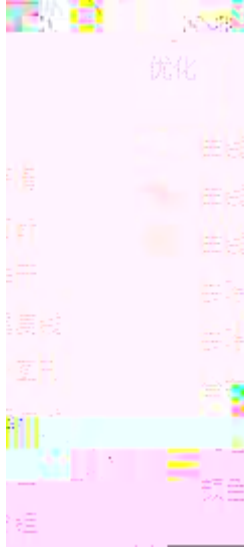
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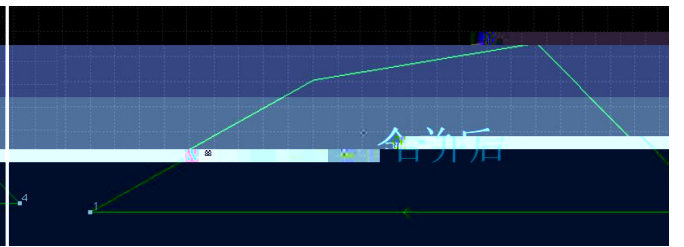
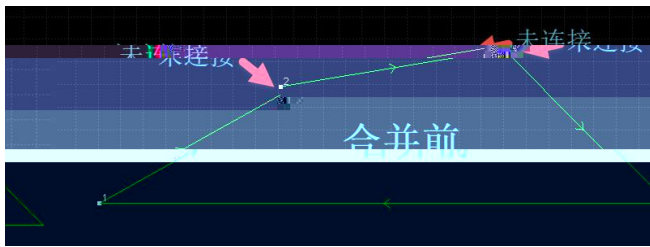
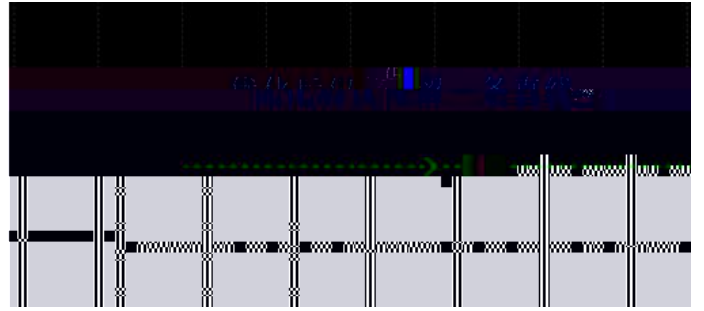
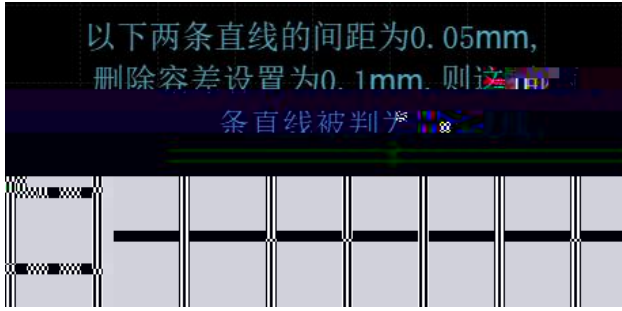
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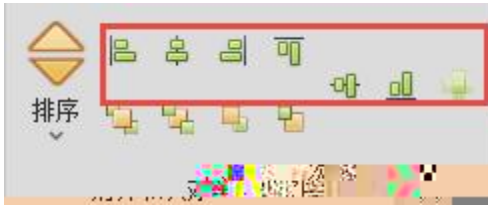
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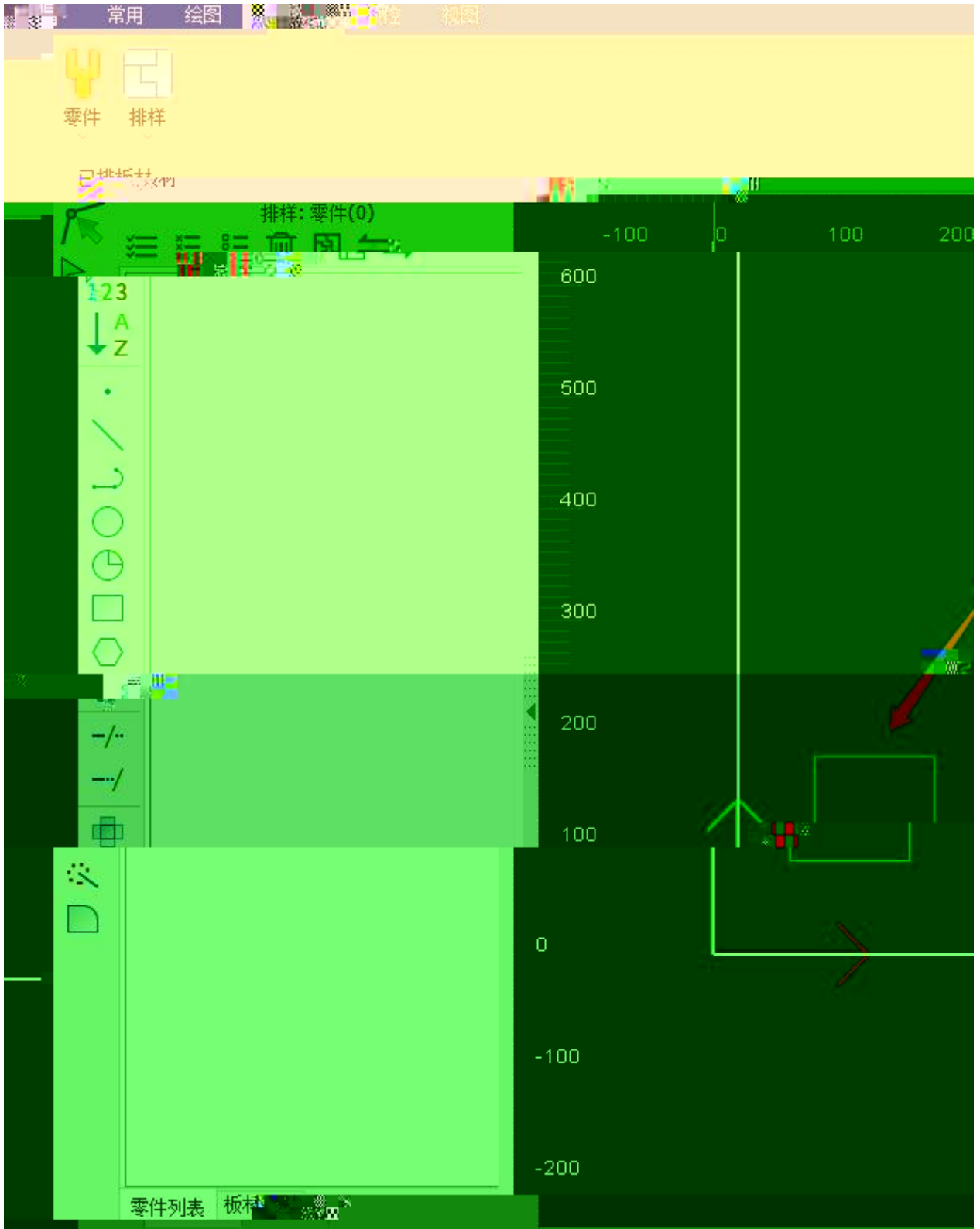
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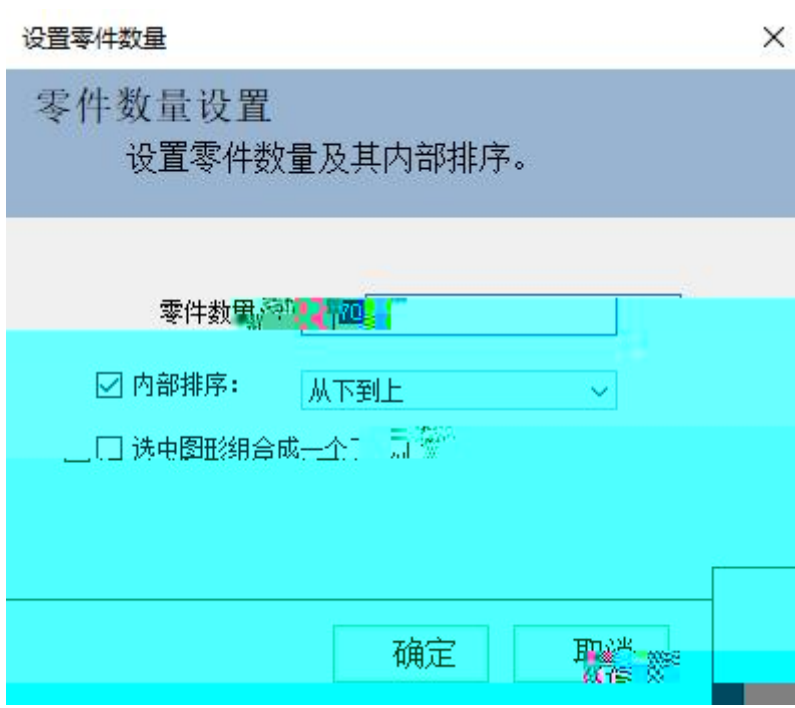
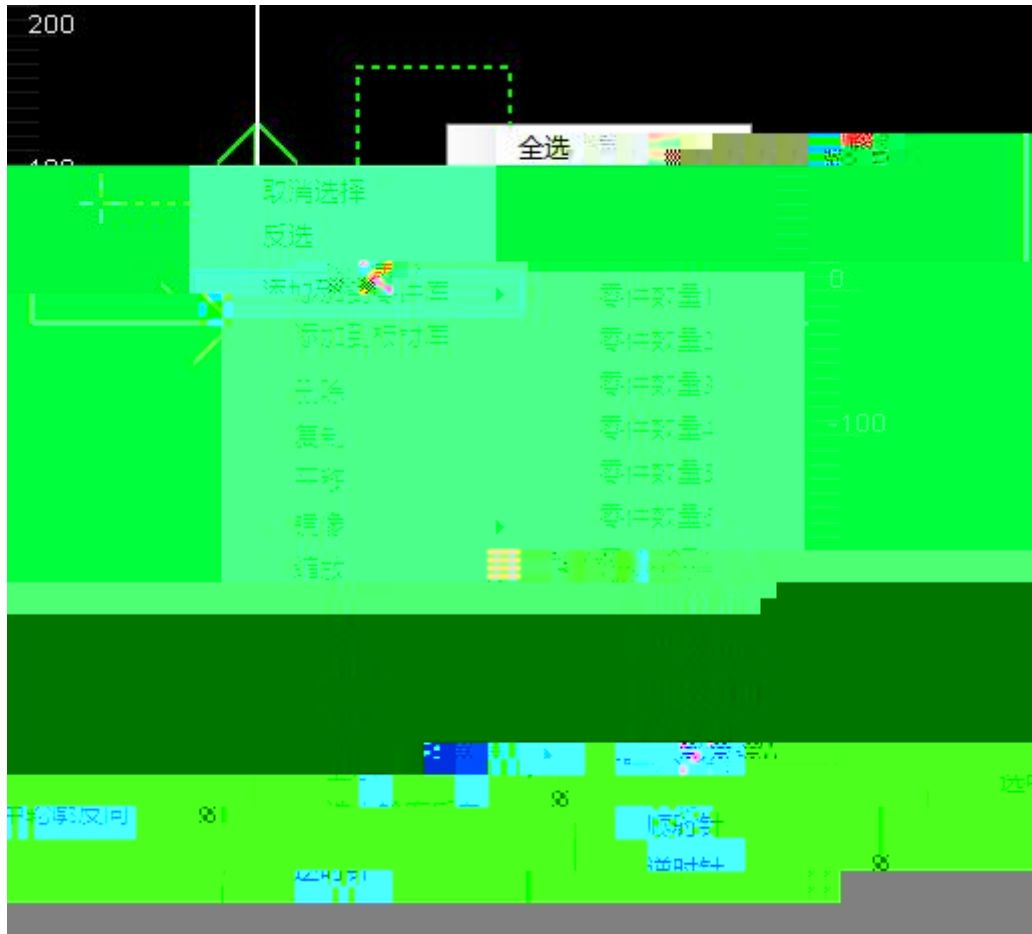
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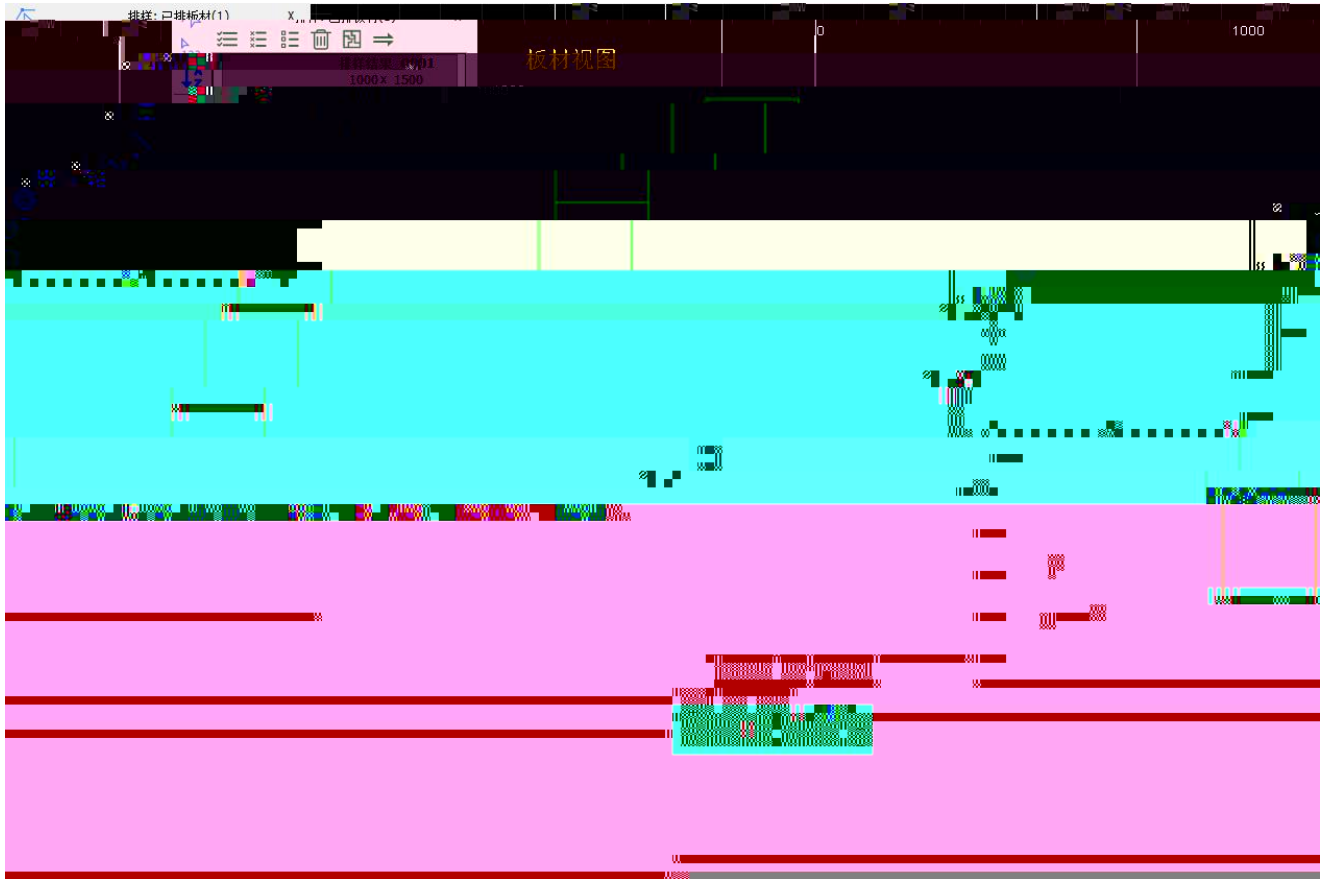


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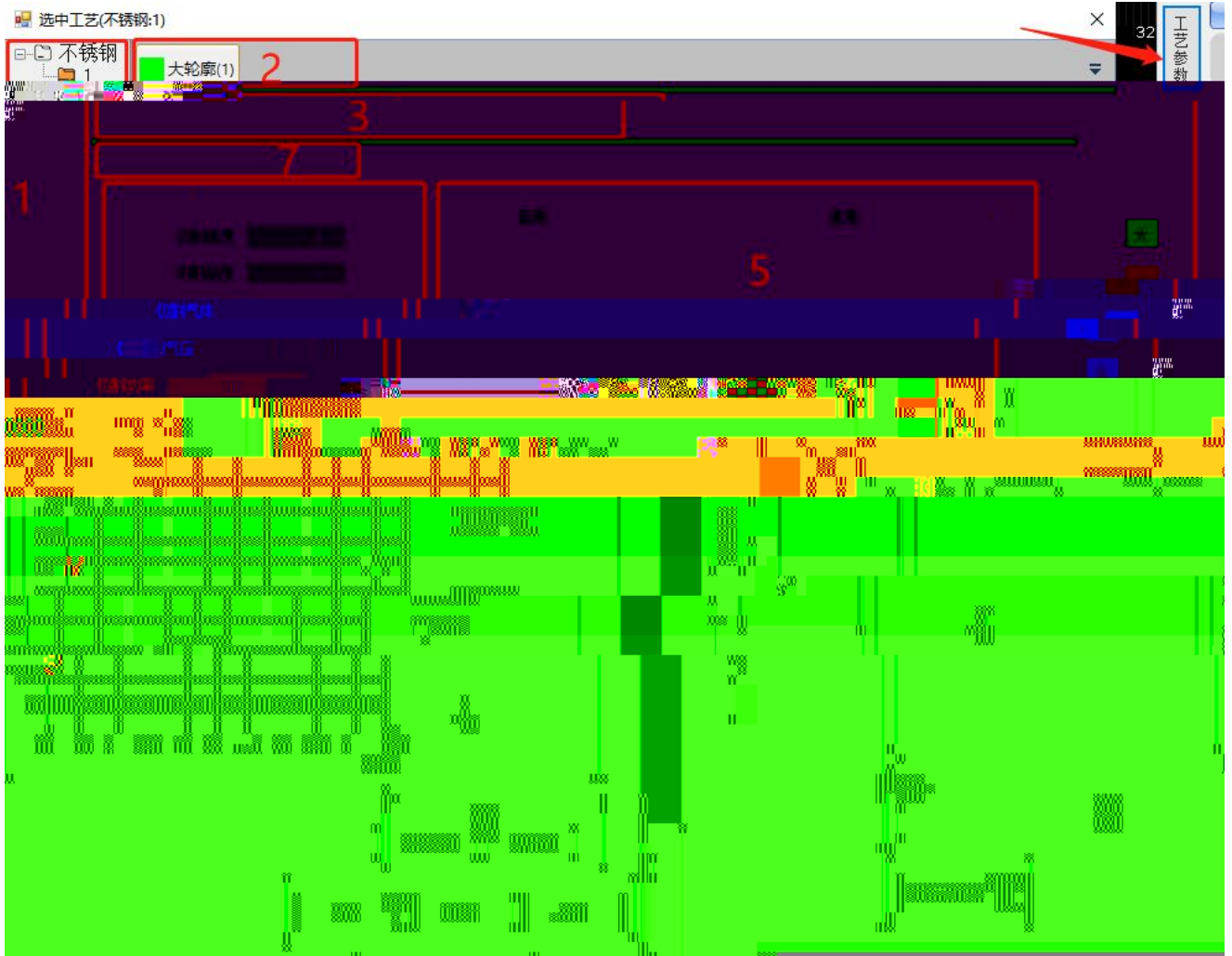


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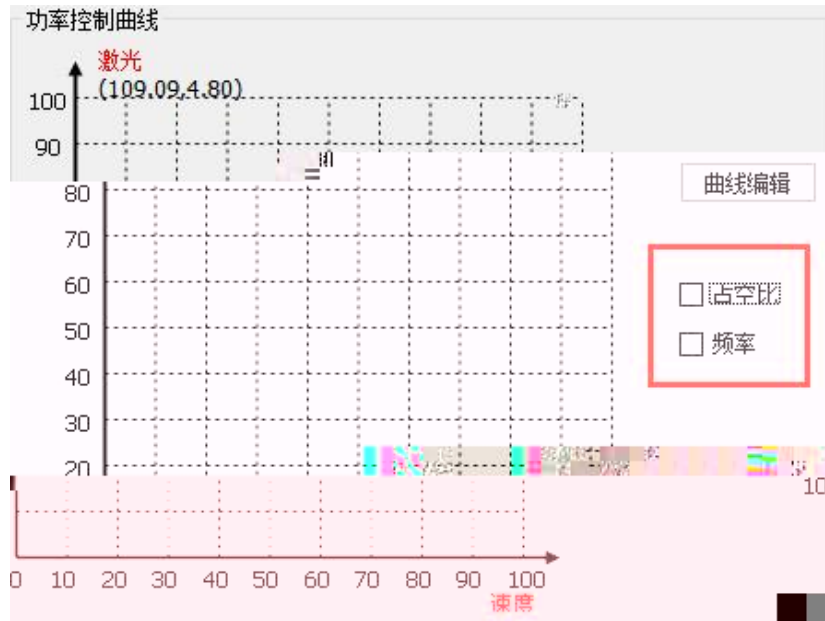
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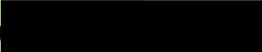


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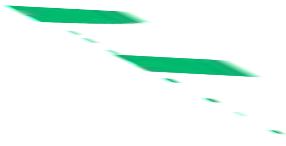


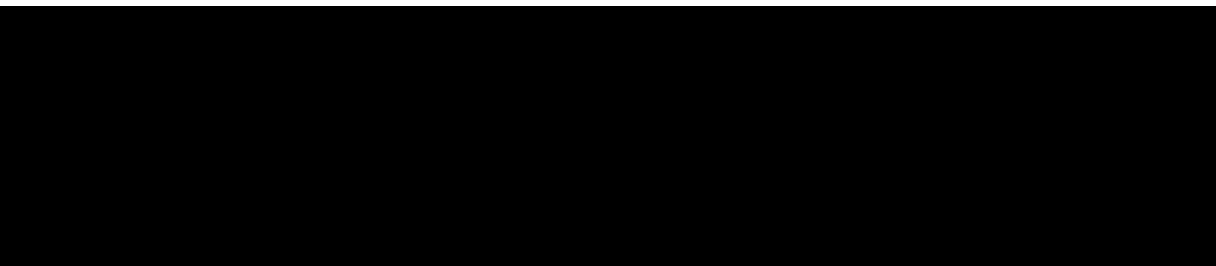
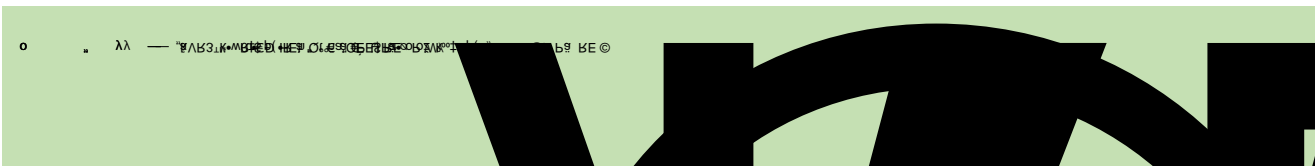
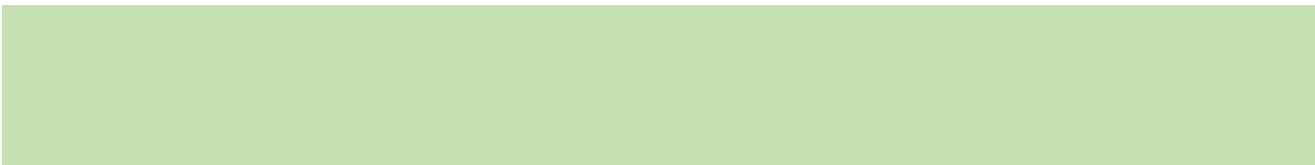
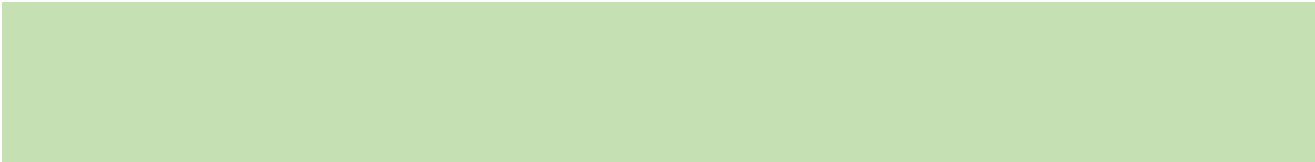
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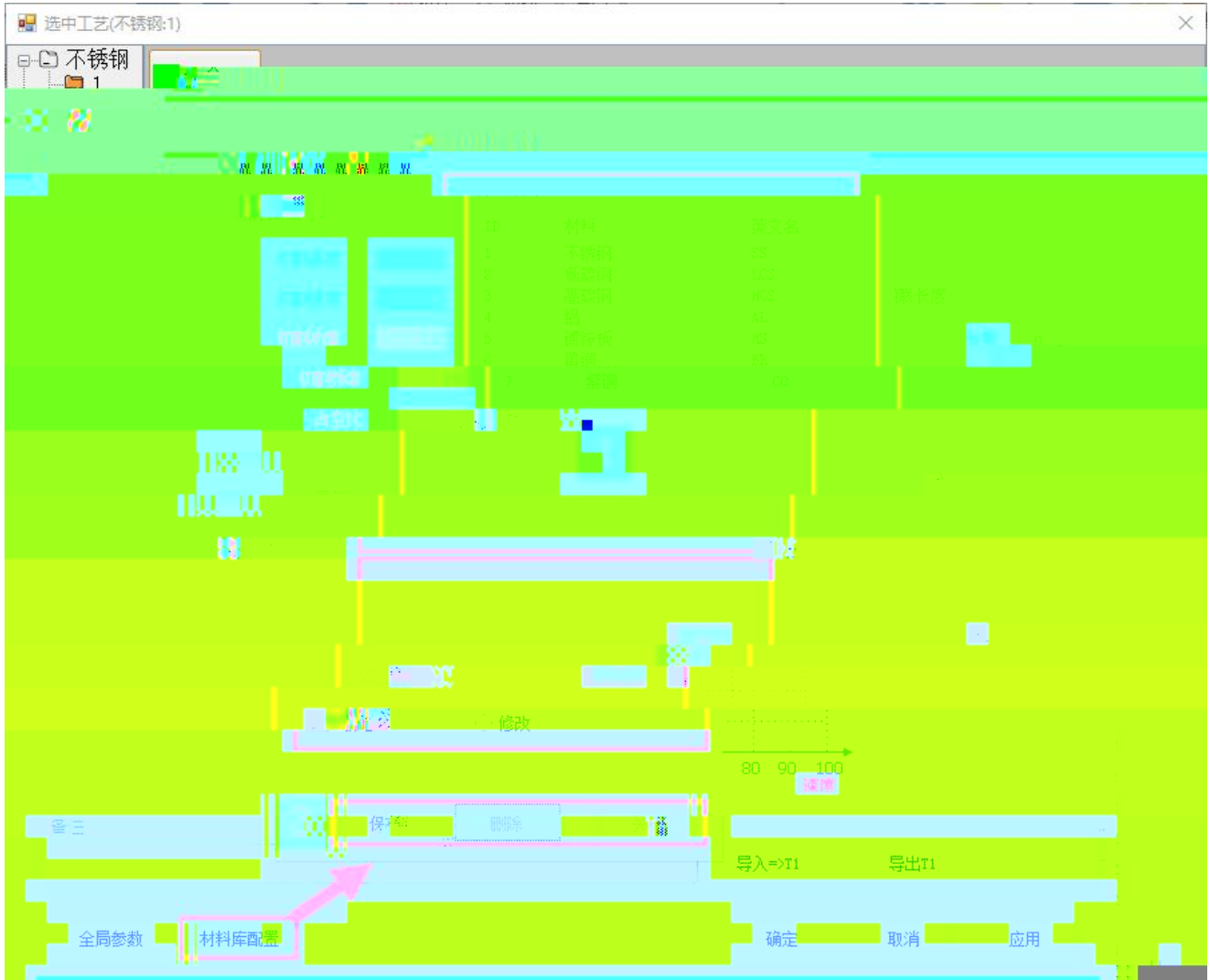
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材料

ID:

材料

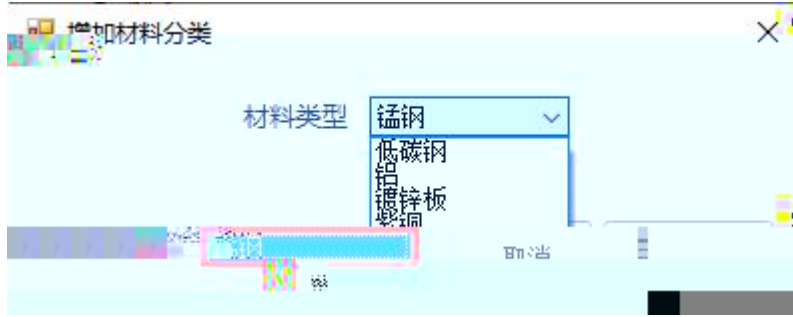
英文名

材料厚度配置

材料分类

ID	材料	英文名
1	不锈钢	SS
2	低碳钢	LCS
3	高碳钢	HCS
4	铝	AL

The screenshot shows a software window titled "材料厚度配置" (Material Thickness Configuration). It contains a table with three columns: "ID", "材料" (Material), and "英文名" (English Name). The table lists four material categories: 1. 不锈钢 (Stainless Steel) with ID 1 and English name SS; 2. 低碳钢 (Low Carbon Steel) with ID 2 and English name LCS; 3. 高碳钢 (High Carbon Steel) with ID 3 and English name HCS; 4. 铝 (Aluminum) with ID 4 and English name AL. A red box highlights the row for ID 4, and a red arrow points to it. The interface is partially obscured by a dark overlay.

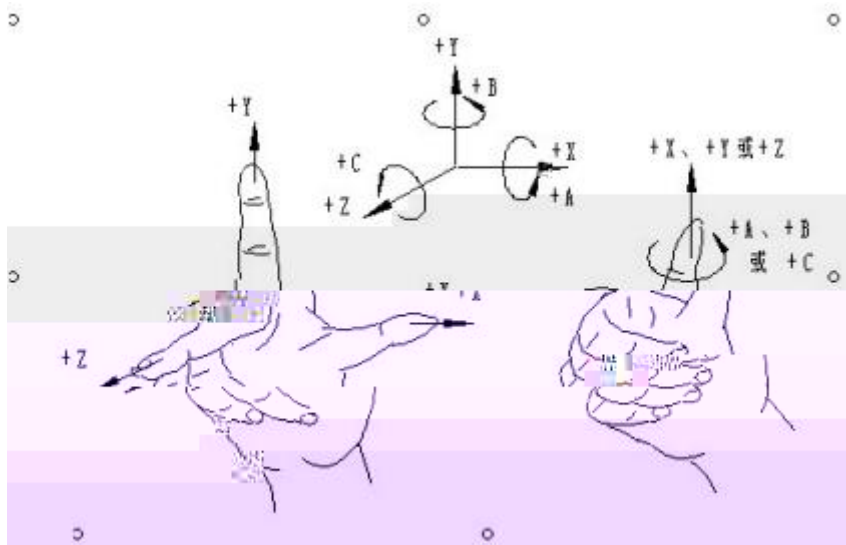
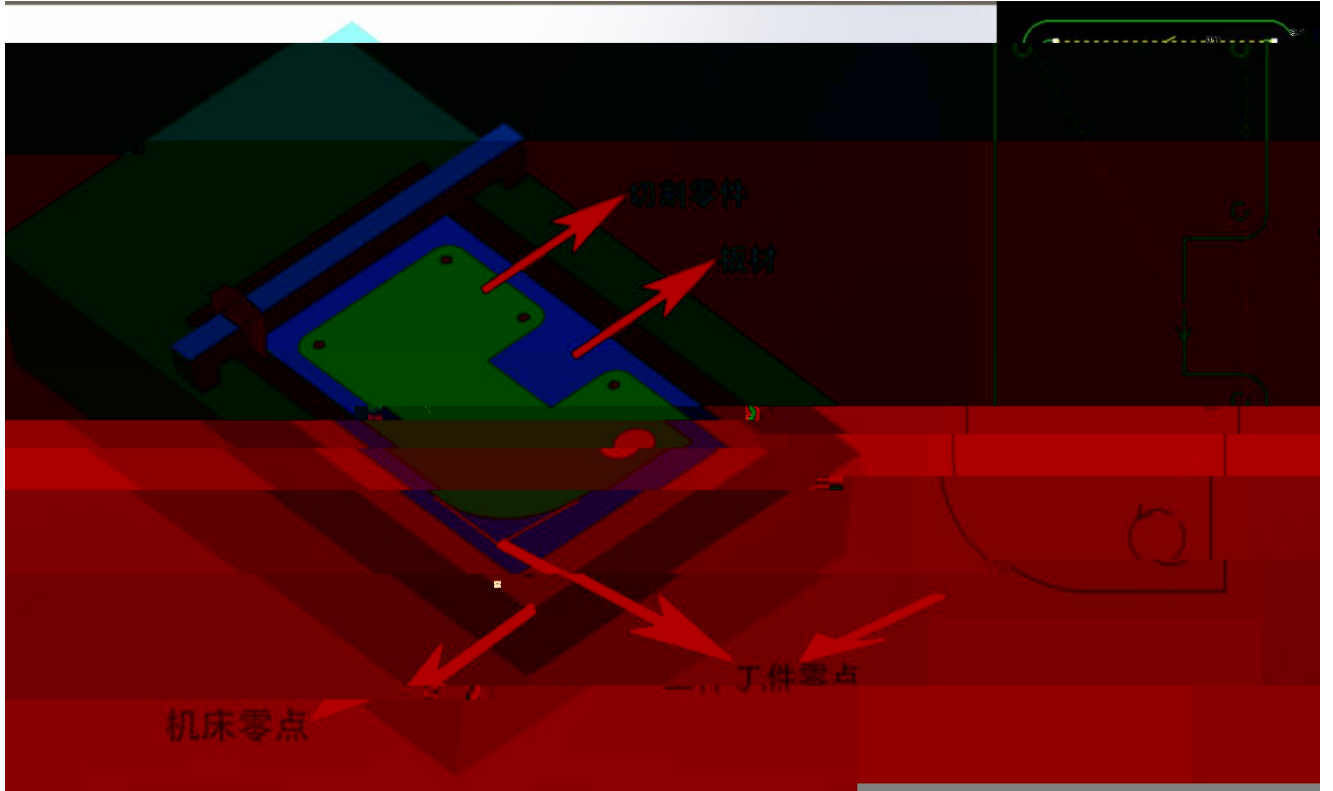


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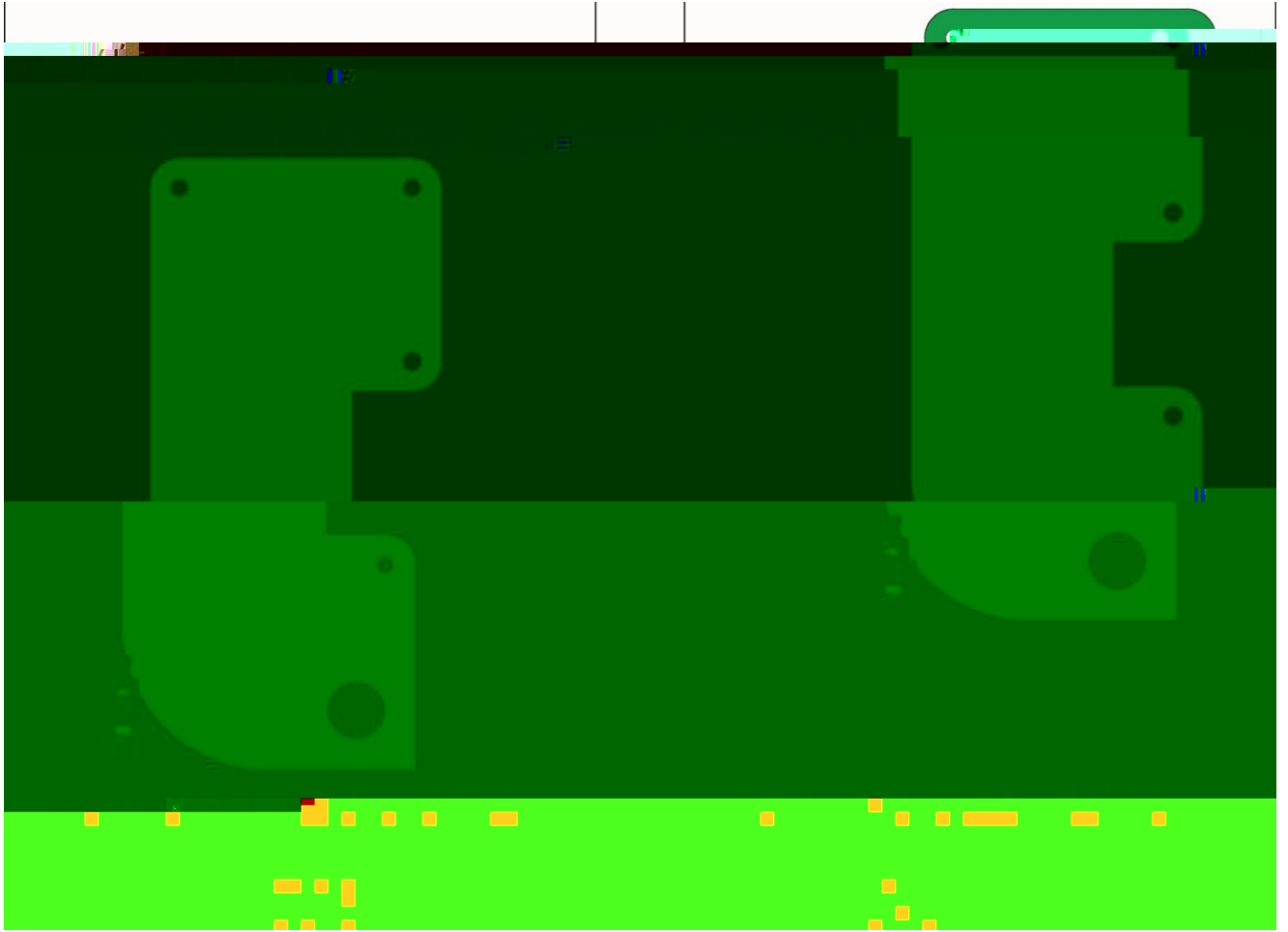
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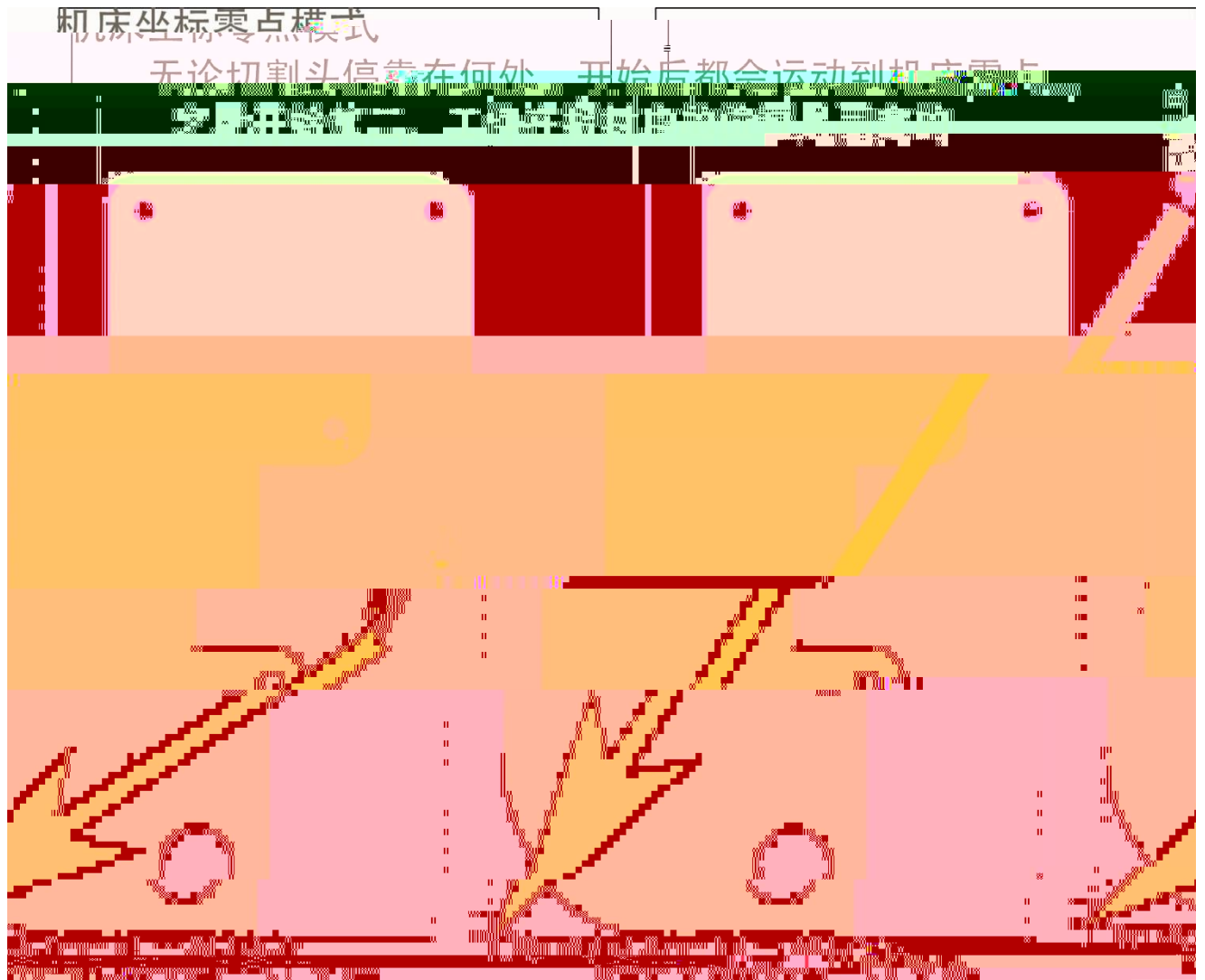
浮动坐标系(X:460.09,Y:499.66)

设置当前位置为零点

✓ 浮动坐标系(X:460.09,Y:499.66)

- 工件坐标系 1(X:72.57,Y:46.78)
- 工件坐标系 2(X:57.71,Y:31.72)
- 工件坐标系 3(X:165.73,Y:97.57)
- 工件坐标系 4(X:155.85,Y:125.76)
- 工件坐标系 5(X:0,Y:0)
- 工件坐标系 6(X:0,Y:0)
- 工件坐标系 7(X:0,Y:0)
- 工件坐标系 8(X:0,Y:0)
- 工件坐标系 9(X:0,Y:0)





X:446.29 Y:27.9 Z:0.00

- 显示机械坐标
- 显示程序坐标
- 设置机械坐标为零
- 设置当前点为程序零点

+%







点动切割

裁切速度  米/分

裁切阶跃  mm

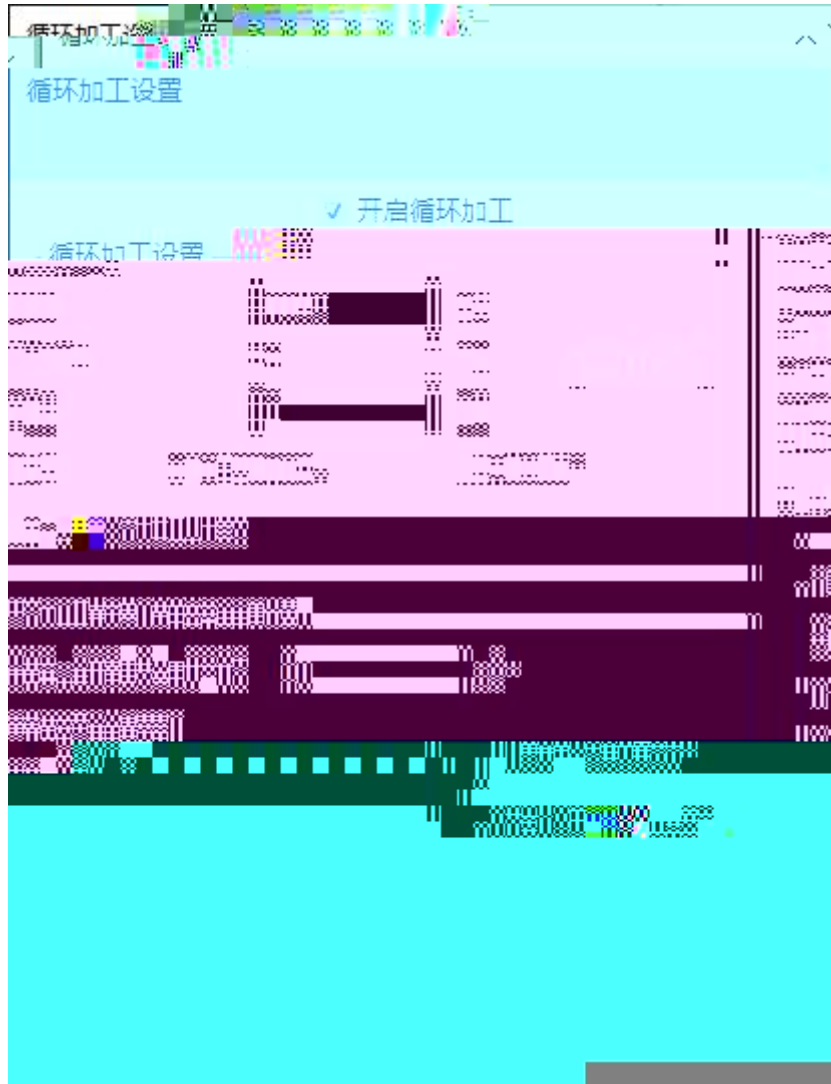
确定 取消 应用

+%

开始	暂停	停止
走边框	模拟	空走
循环加工	断点定位	断点继续
回退	前进	回零

开始





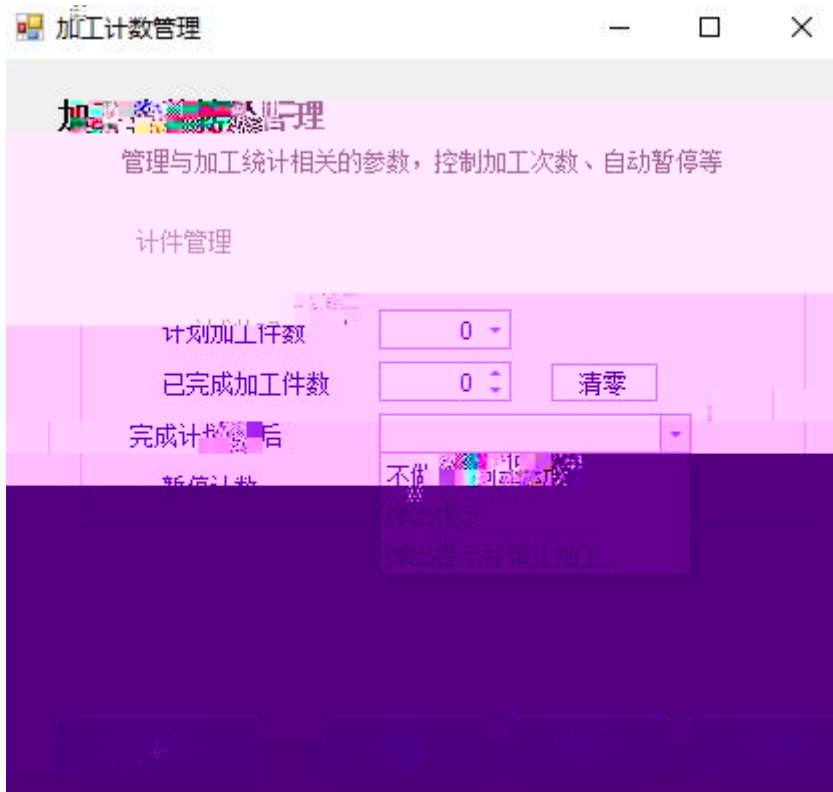


加工完成自动返| 零点

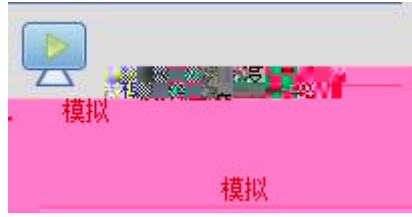
只加工选中图形

启用软限位保护

加工前寻边

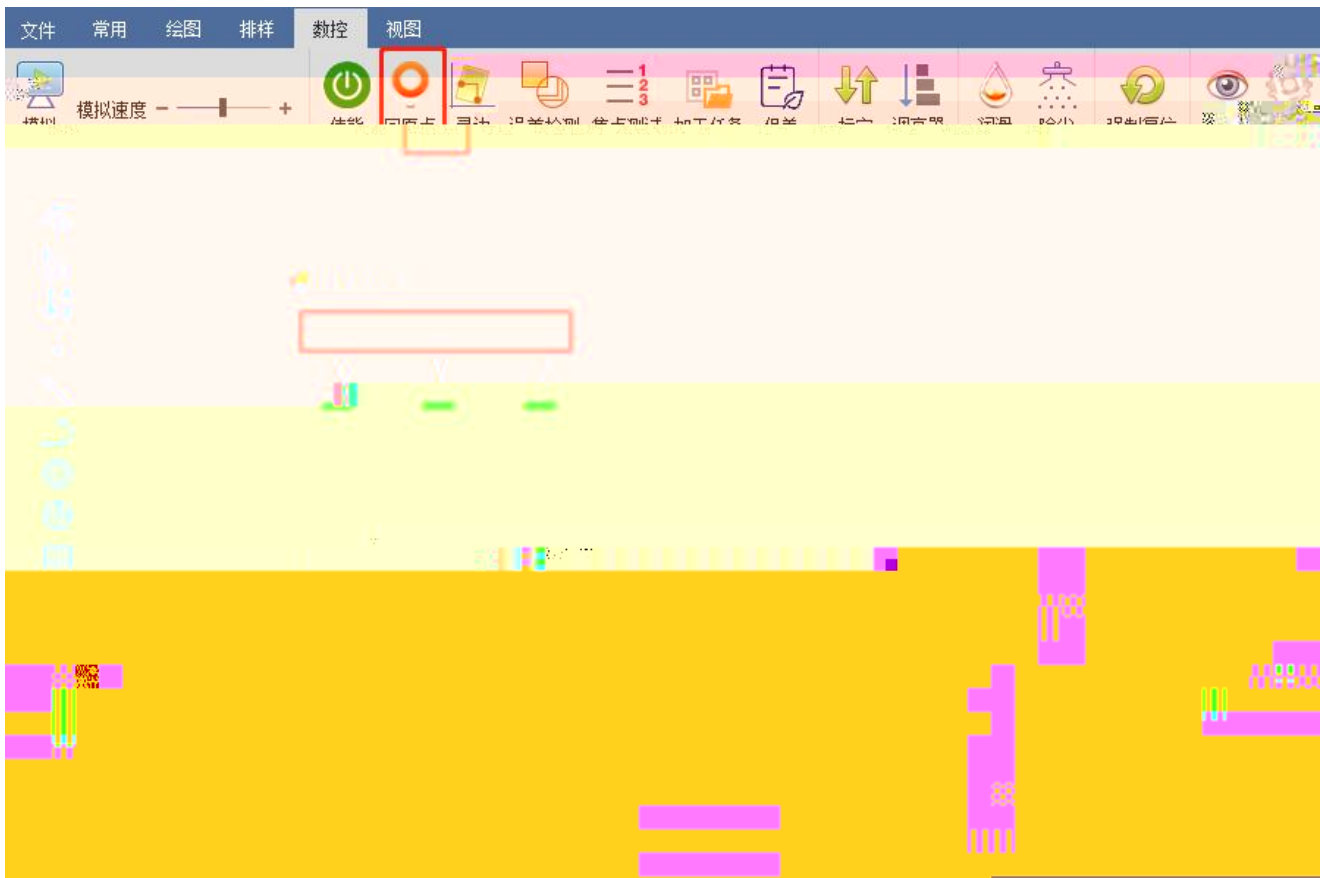


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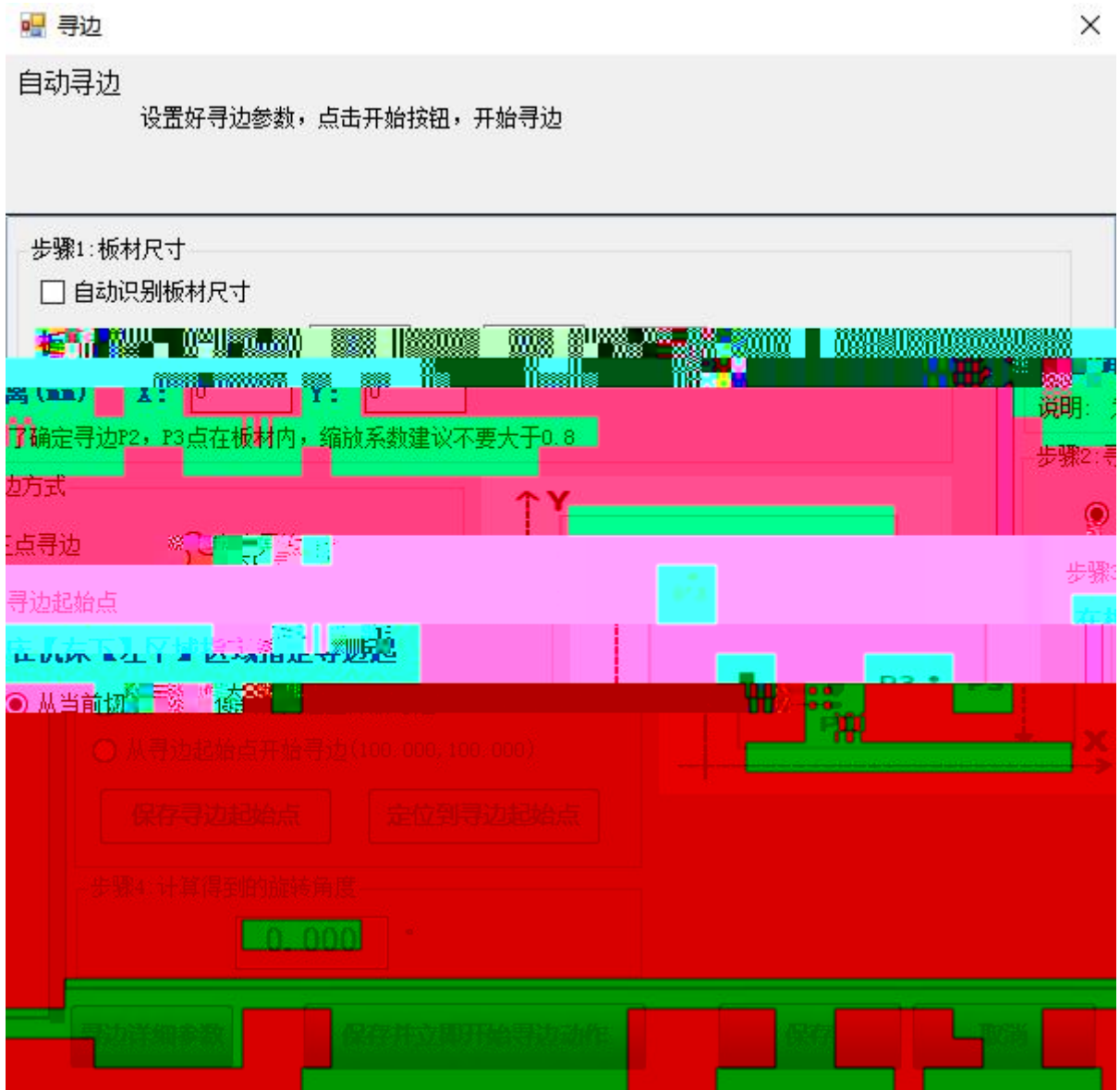


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# mmE

寻边

寻边

手动移动机床轴，取两个P点，选取寻边方向，就可以计算了

P1 P2

Y+ Z+  
X- X+  
Y- Z-

完成

寻边

圆盘寻中  
圆盘寻中通过3点找到中心

### 1. 寻边详细参数

寻边高度	1	毫米
寻边阶跃高度	0.3	毫米
寻边速度	6	米/分

### 2. 请在材料中指定寻边起始点

从寻边起始点开始寻边(0.000, 0.000)

从当前切割头停留位置开始寻边(0.000, 1.000)

X →

Y ↑

保存寻边起始点    定位到寻边起始点

保存并立即开始寻边动作    保存    取消

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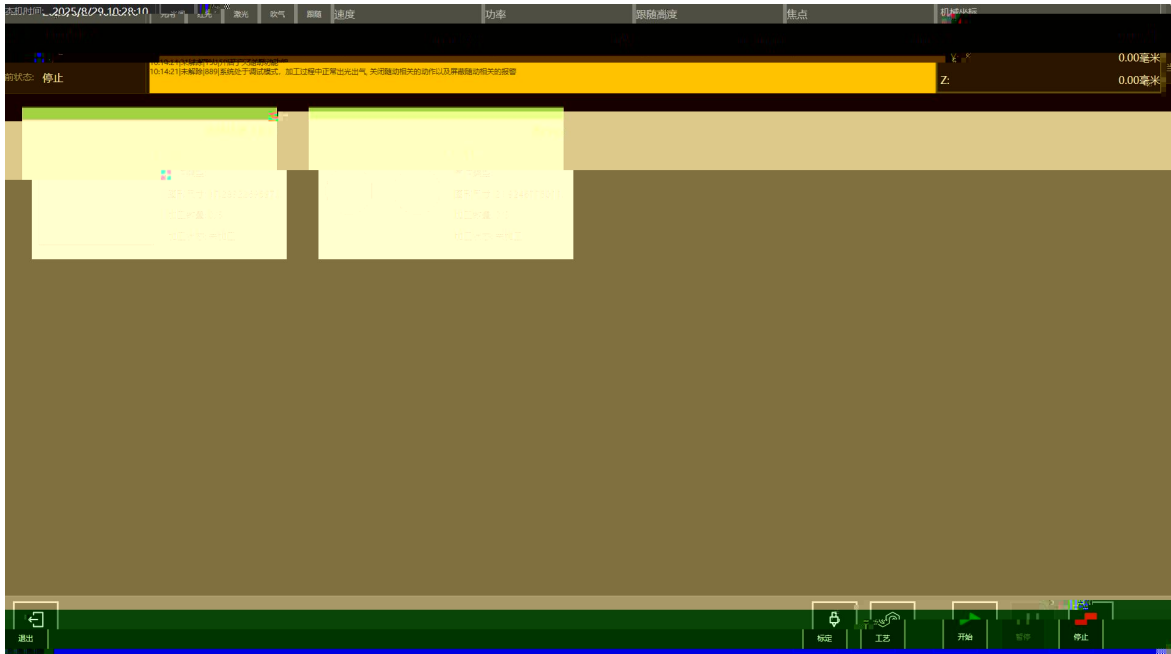
1

2

3

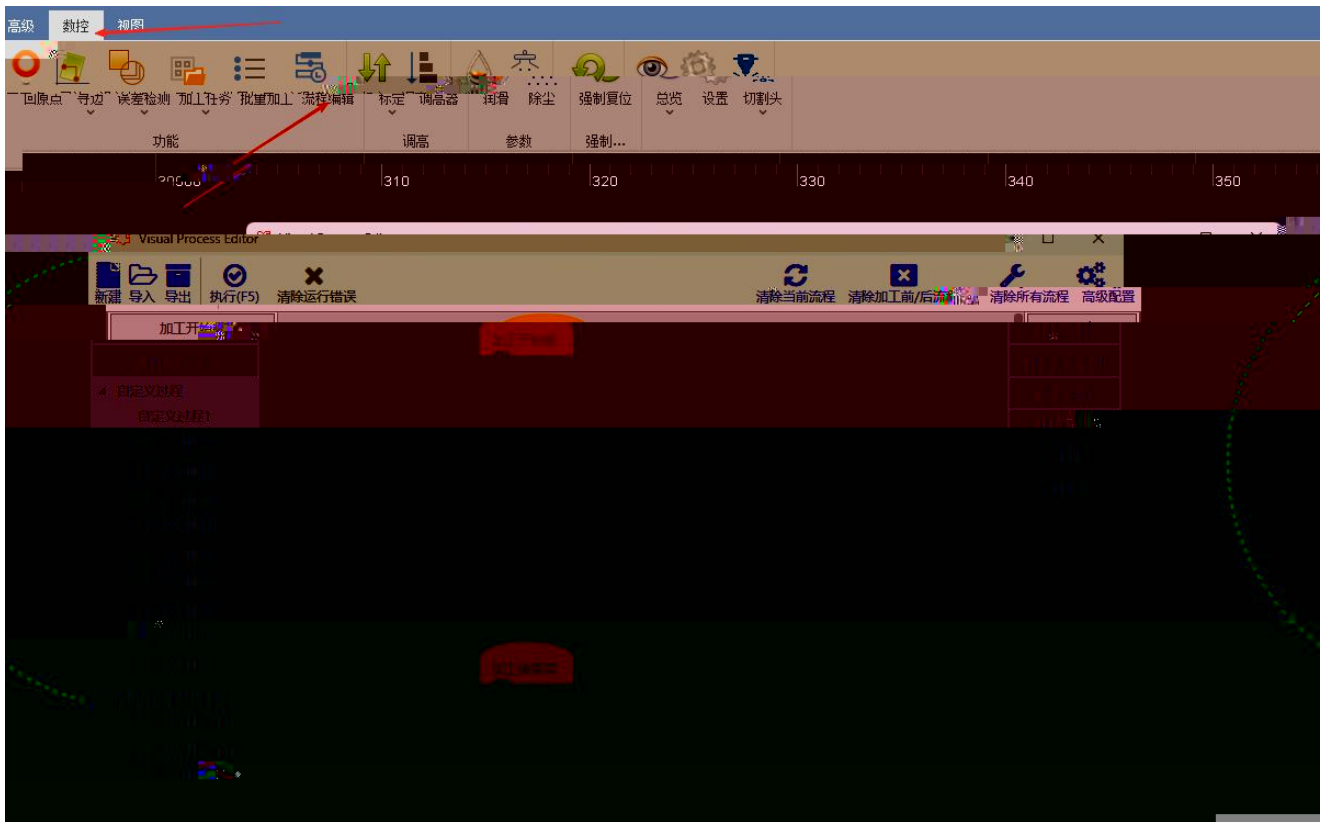
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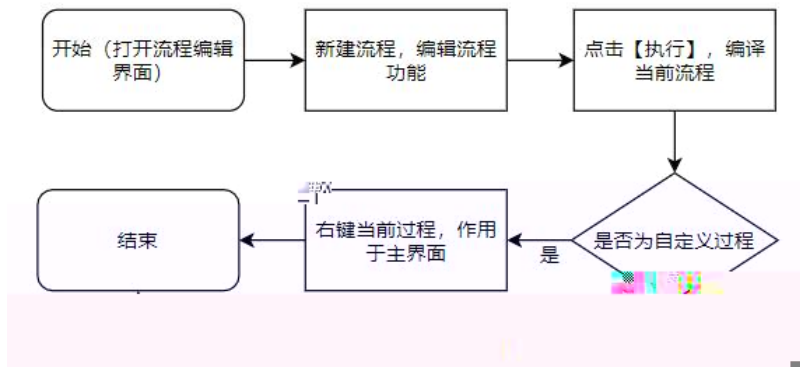
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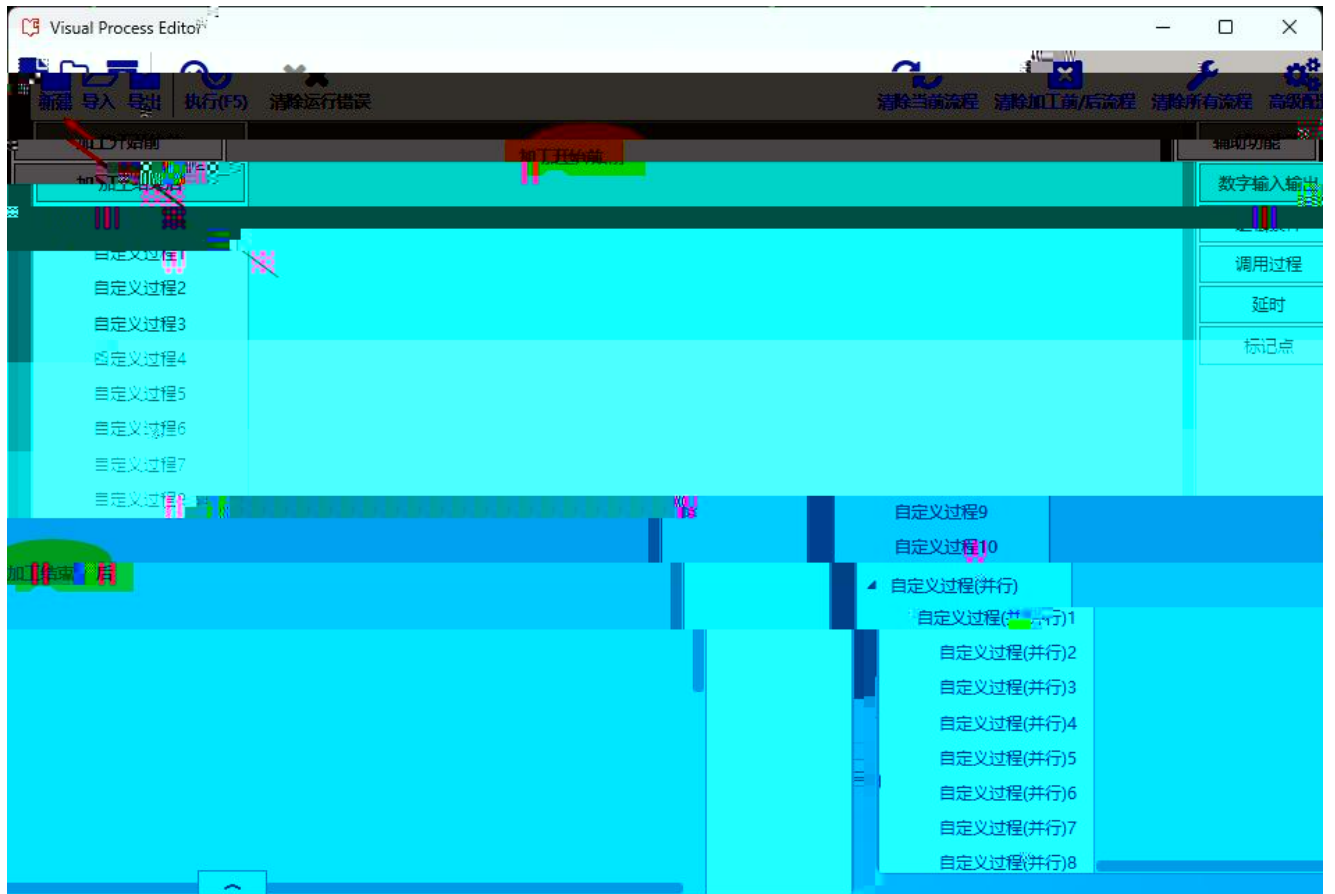




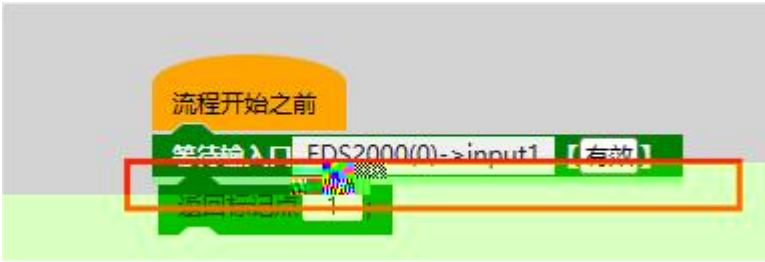
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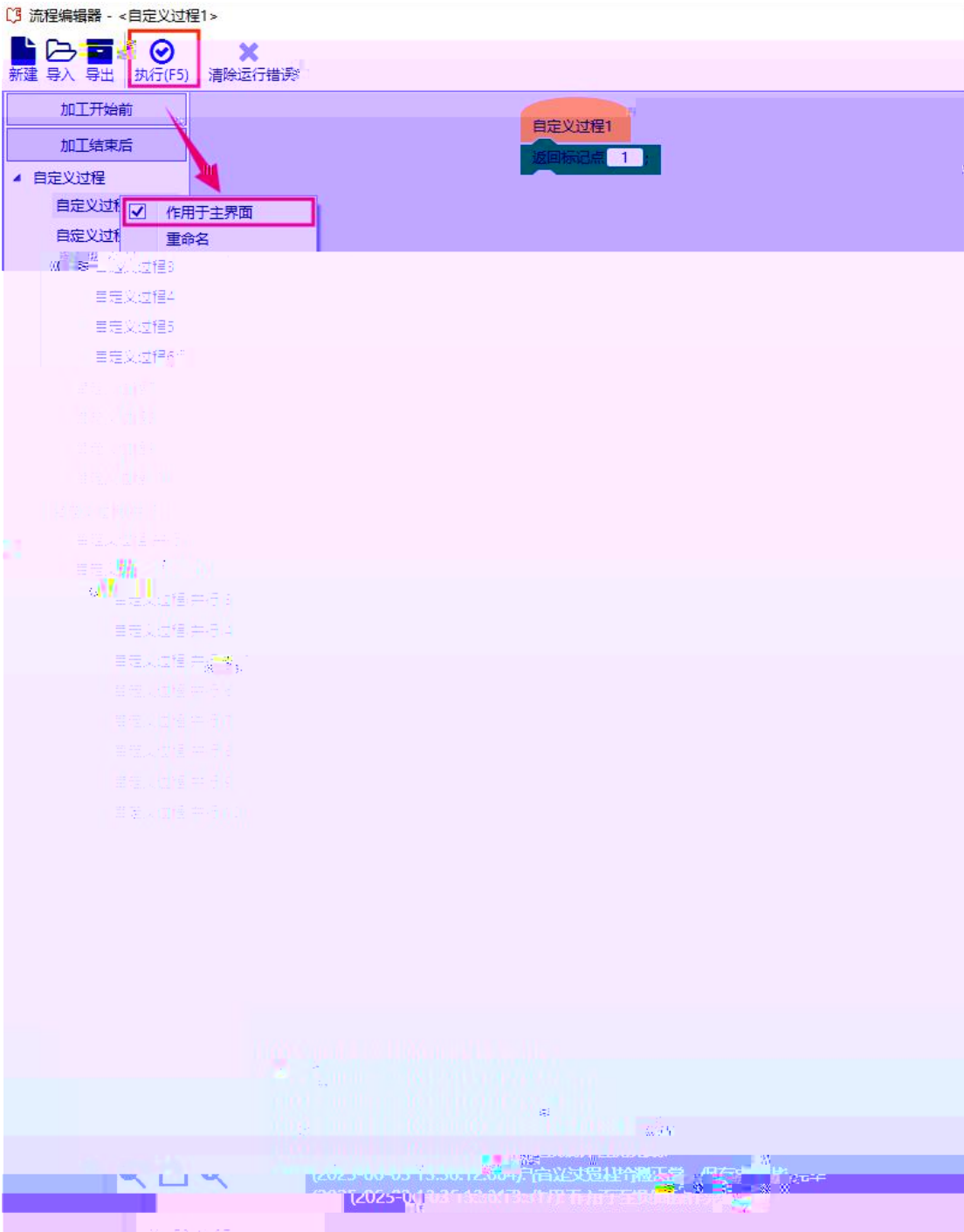
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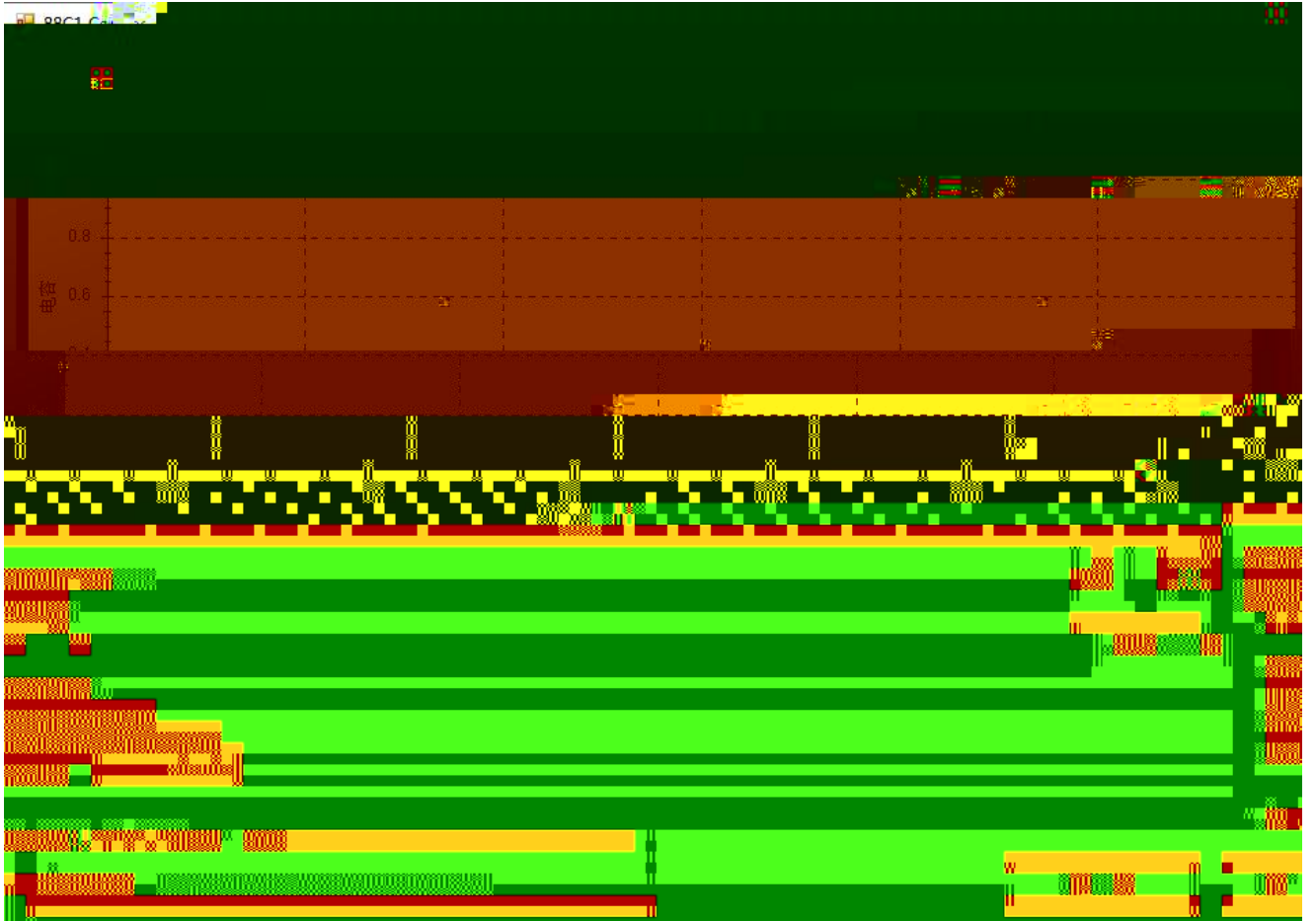
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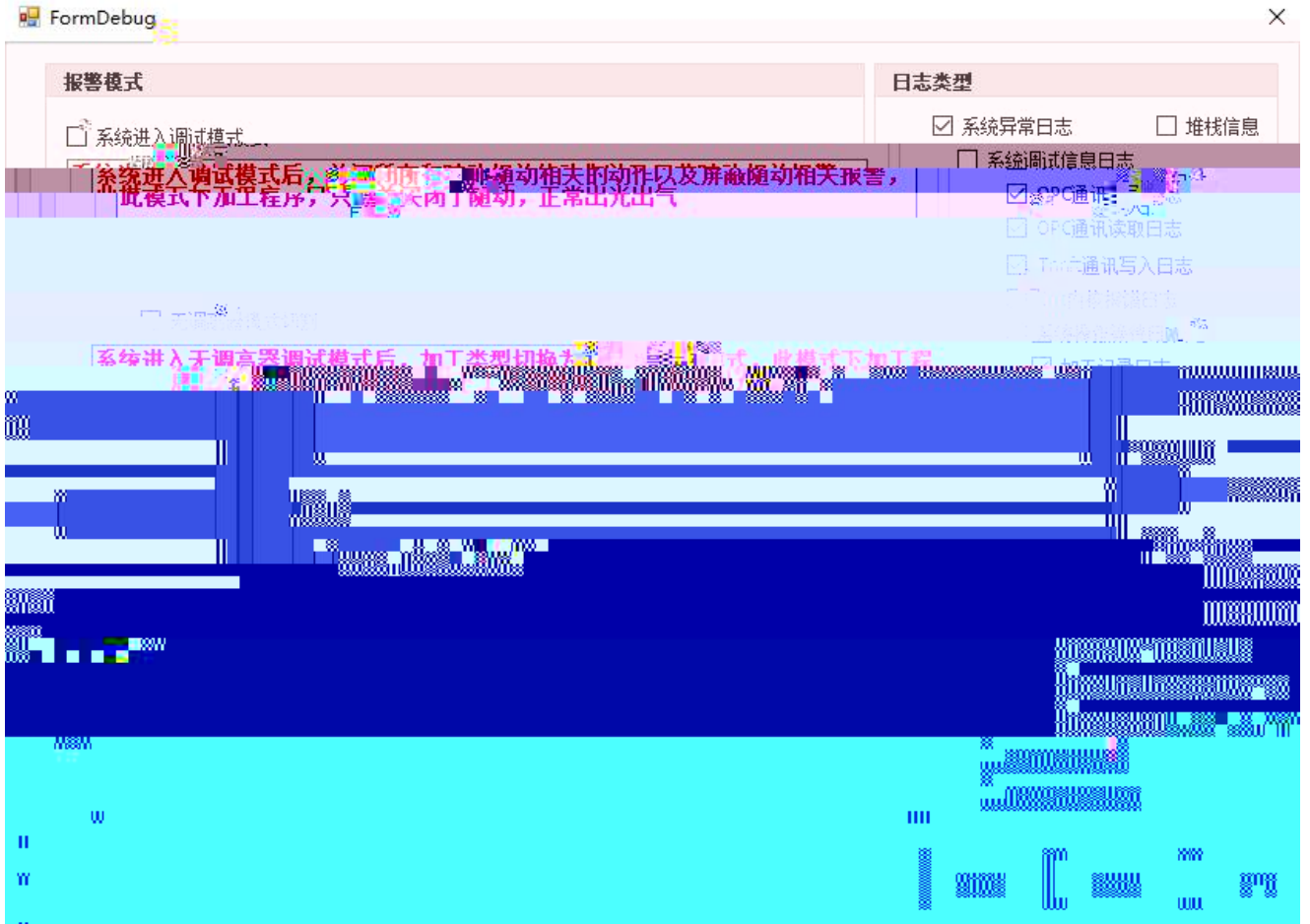
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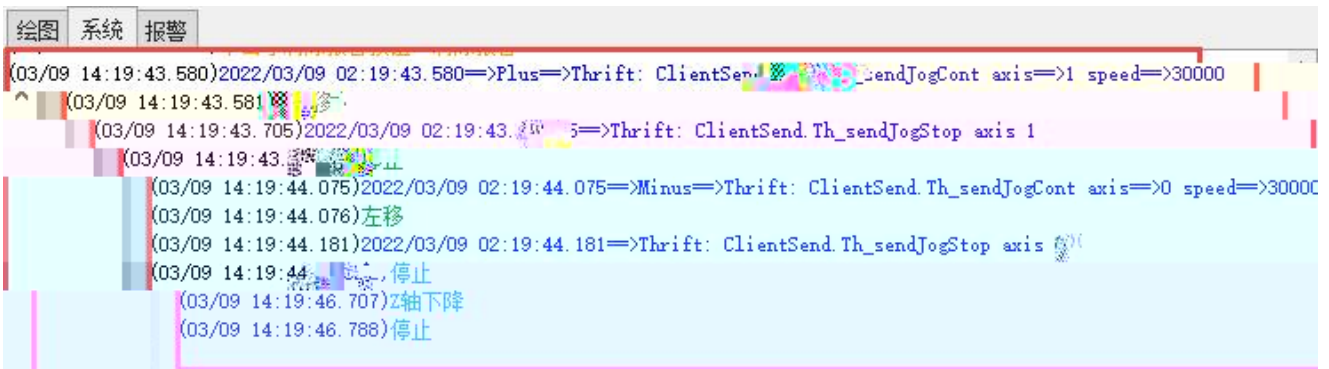
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