



河海大學  
HOHAI UNIVERSITY

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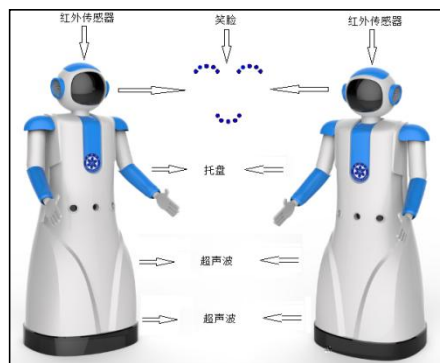
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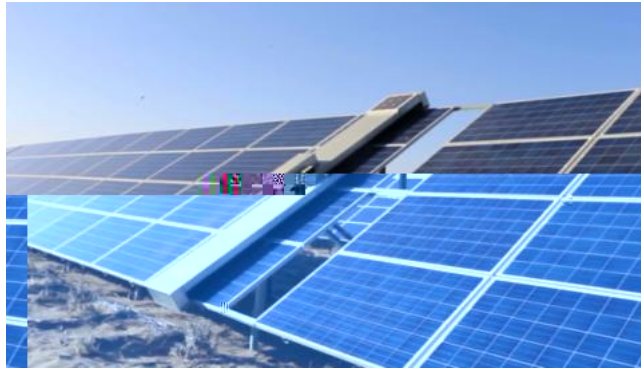




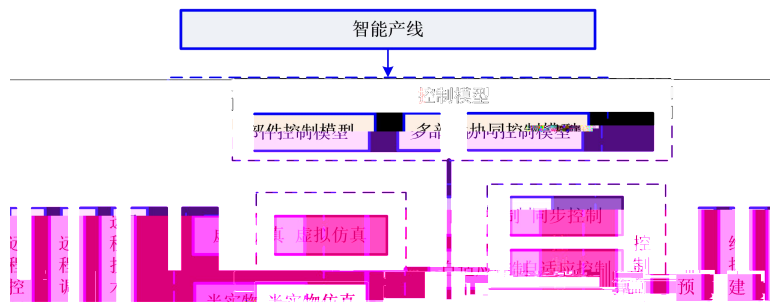












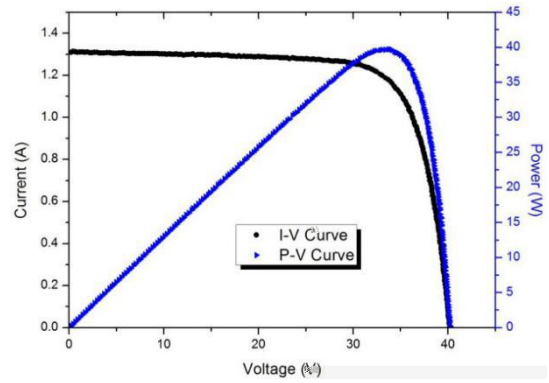
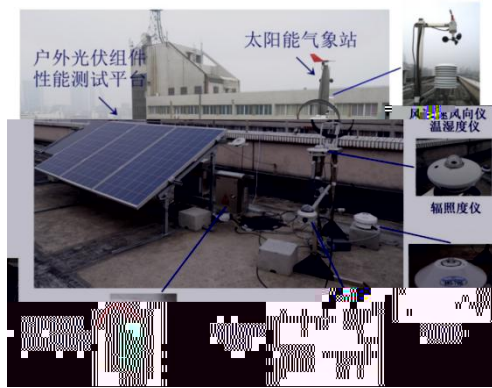


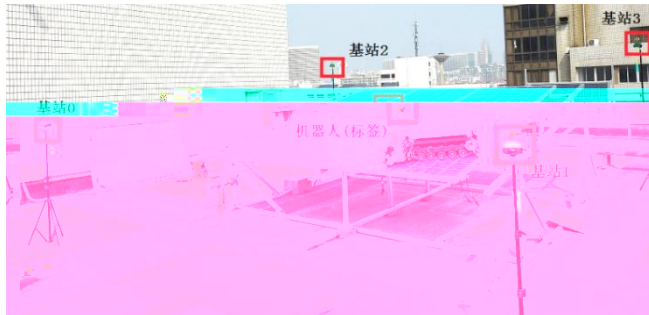


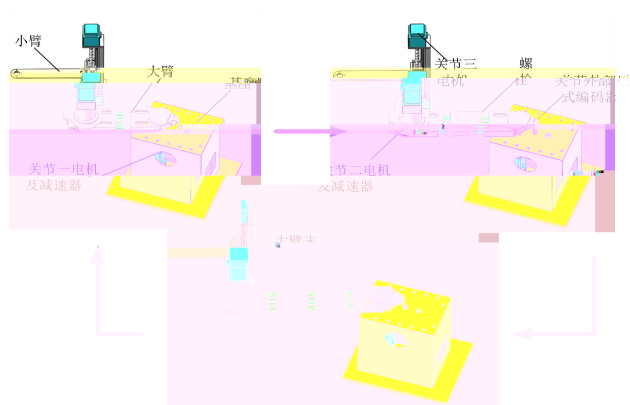


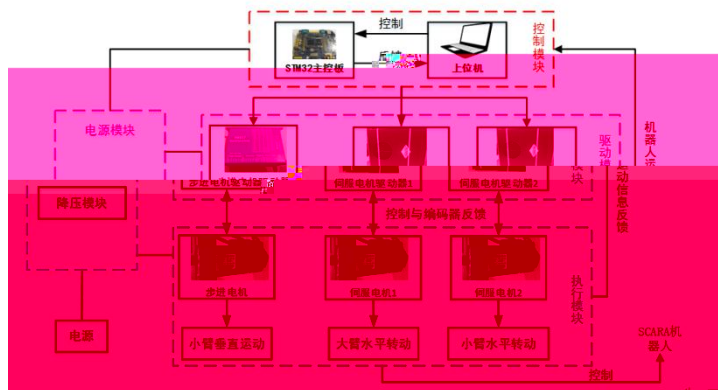
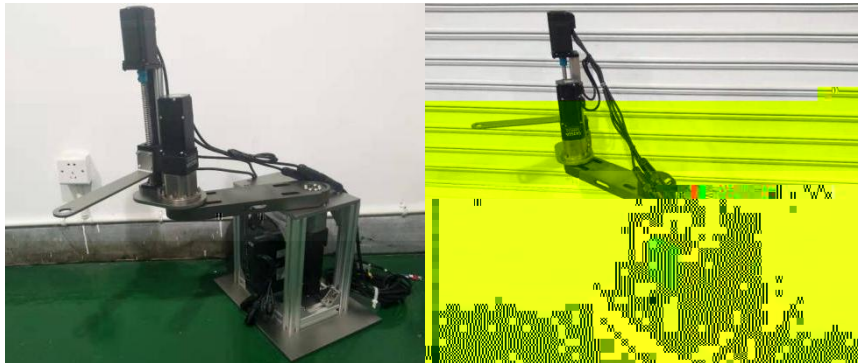
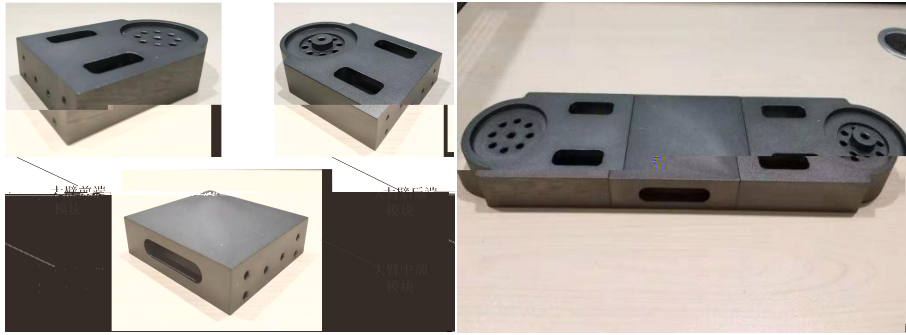


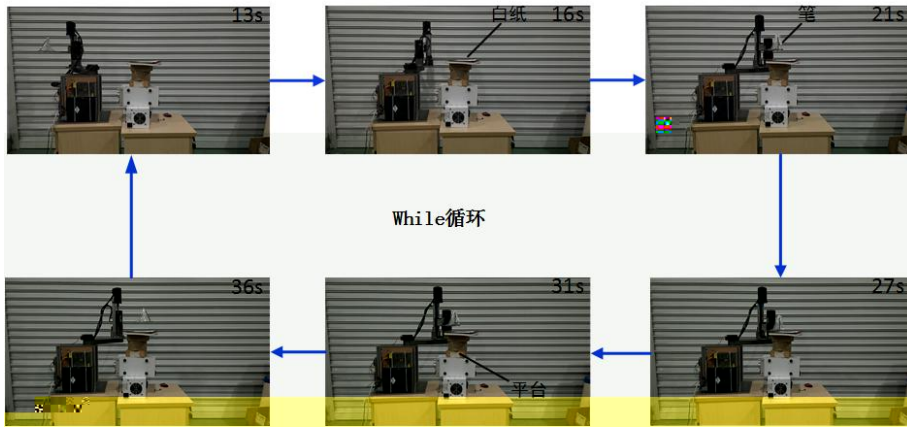




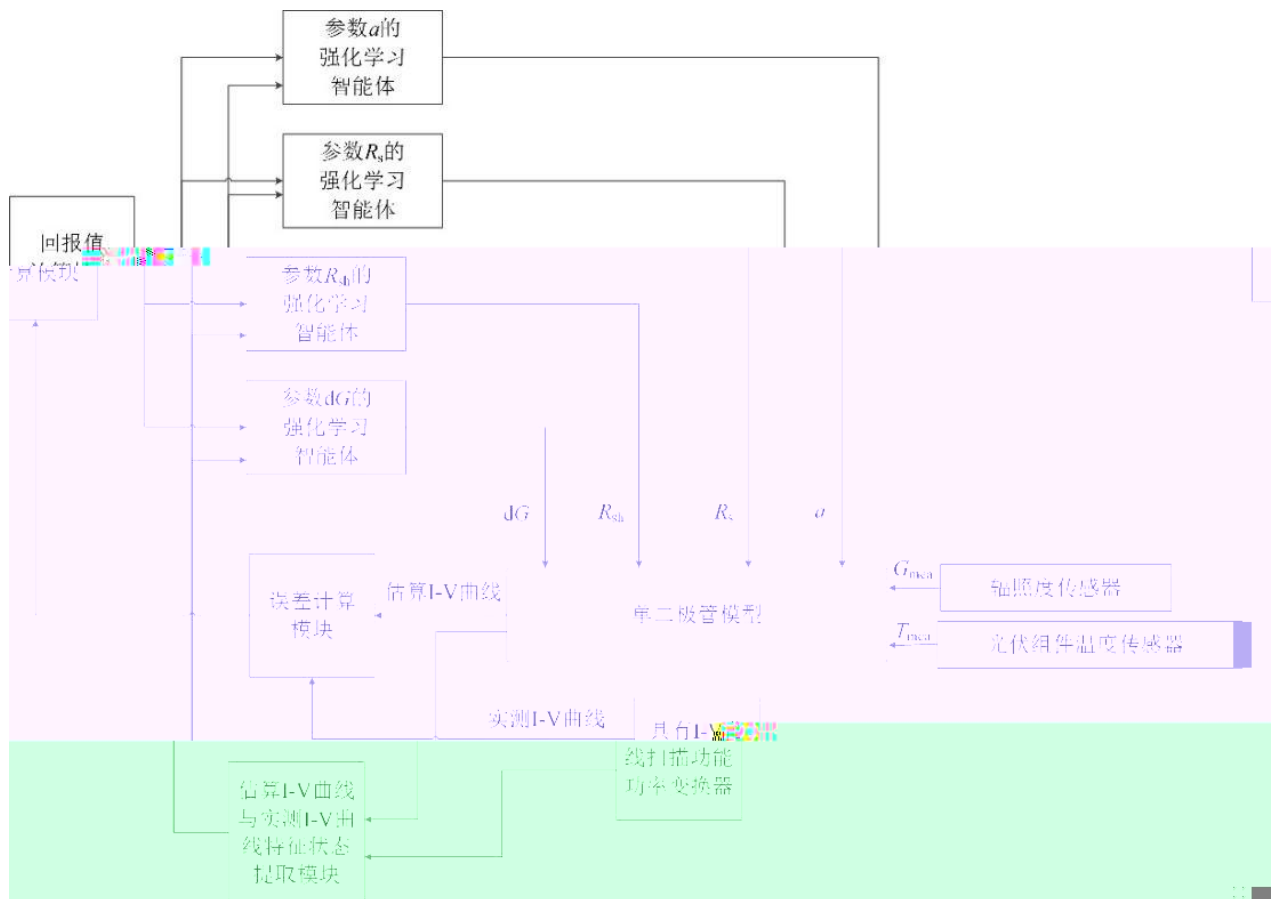




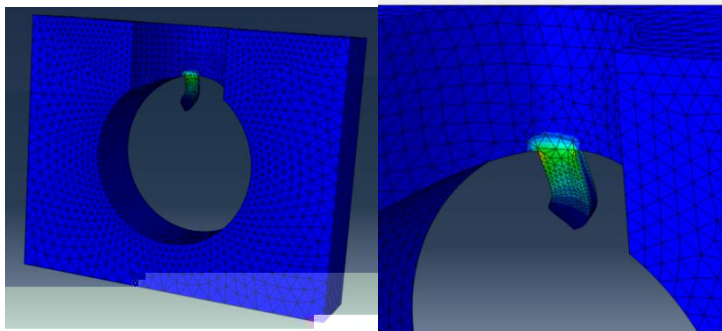
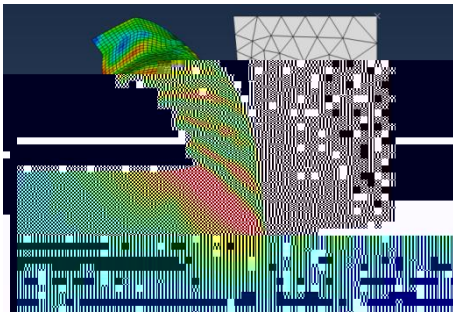


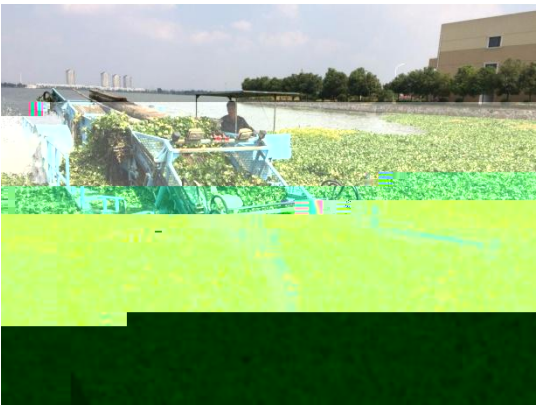


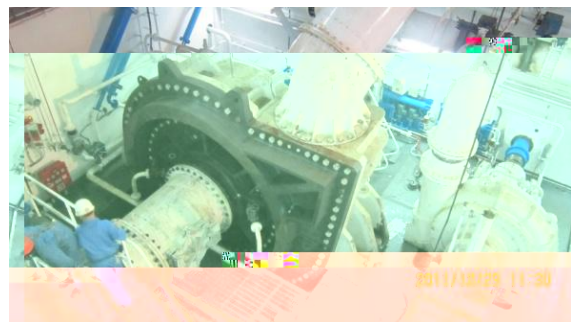
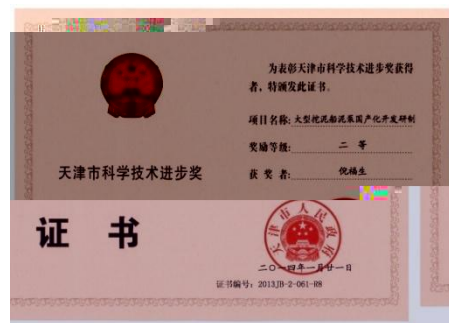


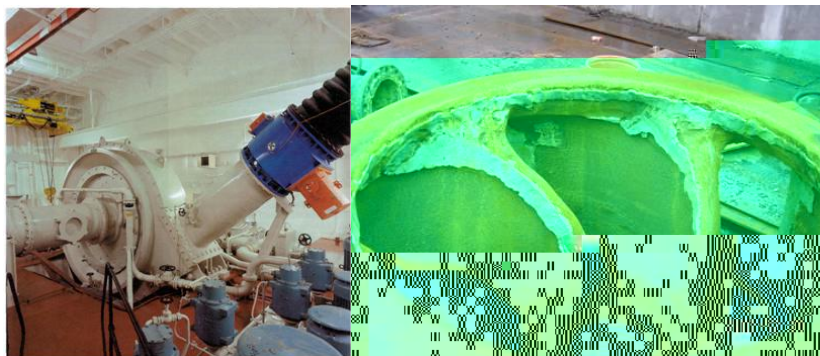


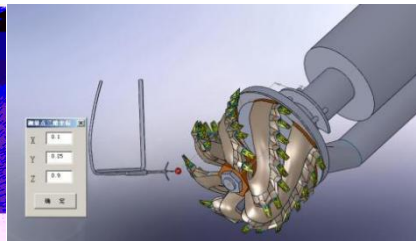
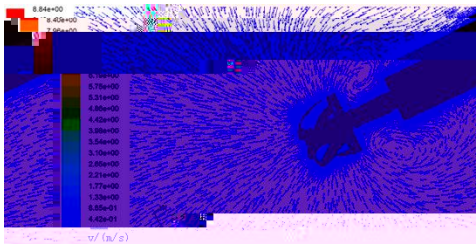
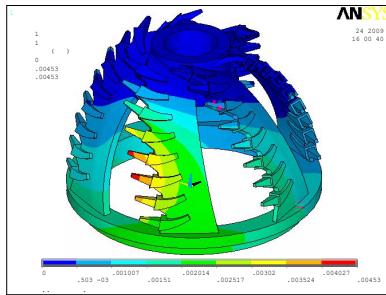






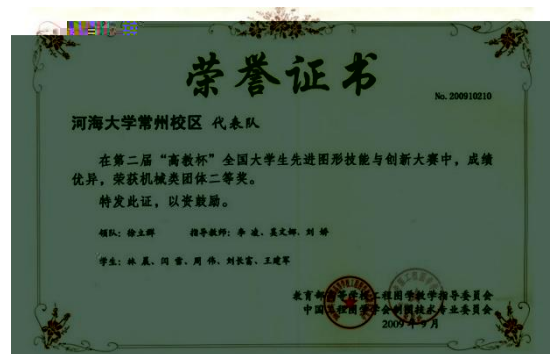
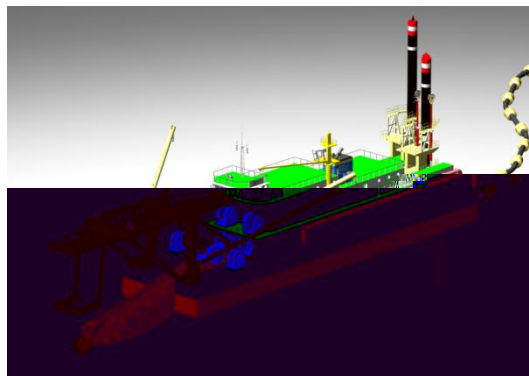
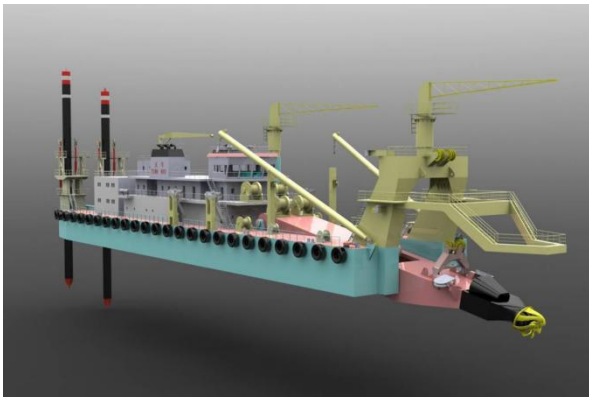










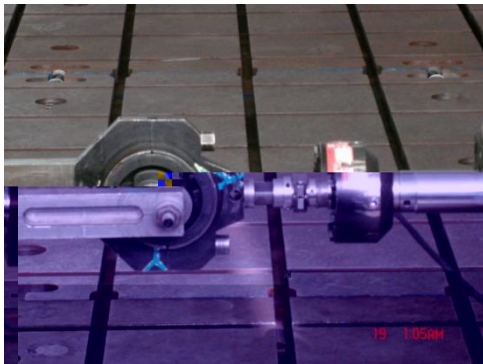
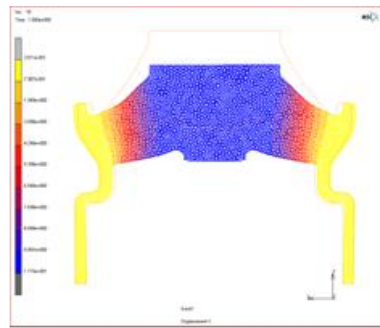
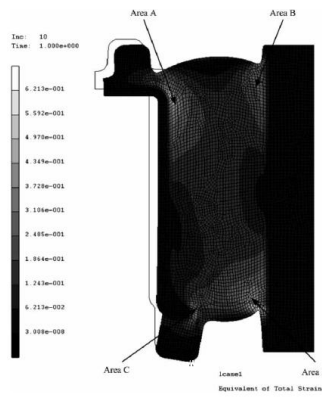


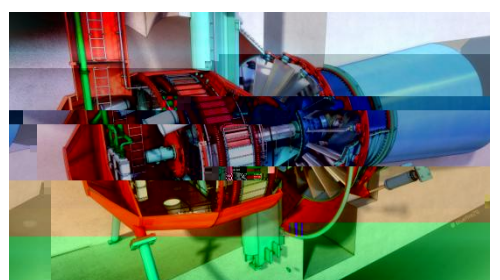
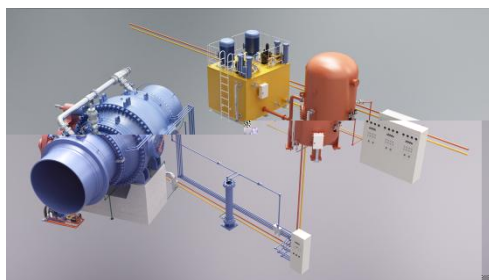




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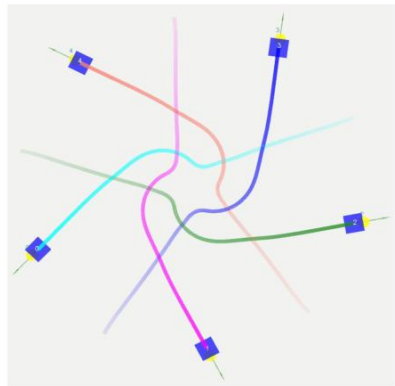
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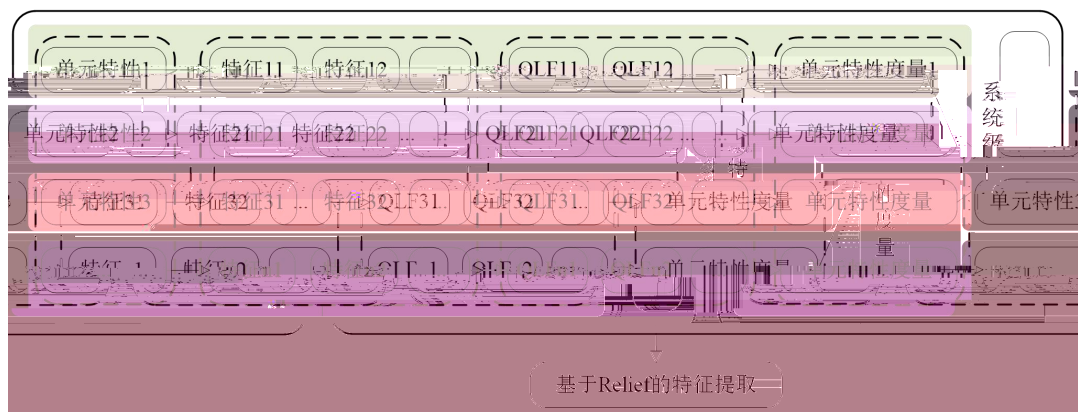
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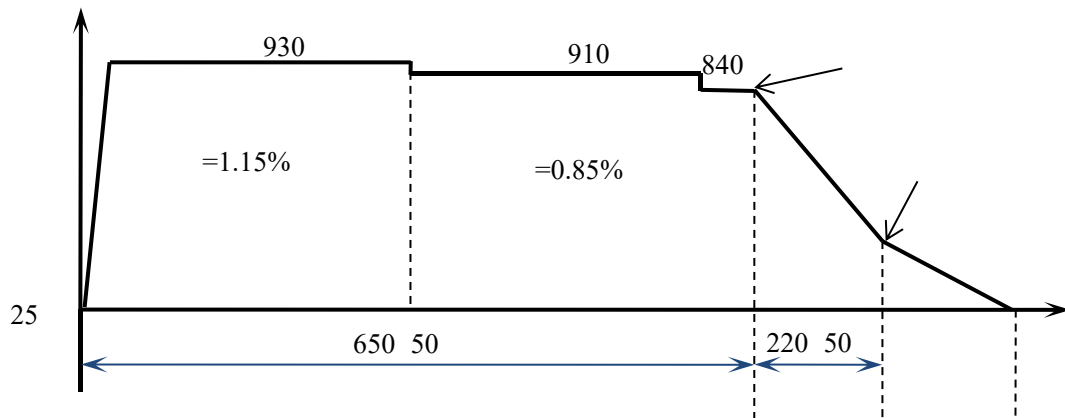
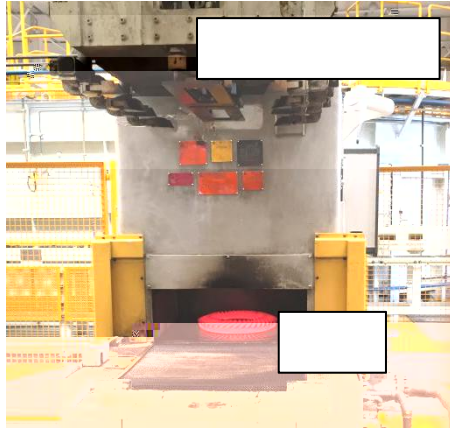


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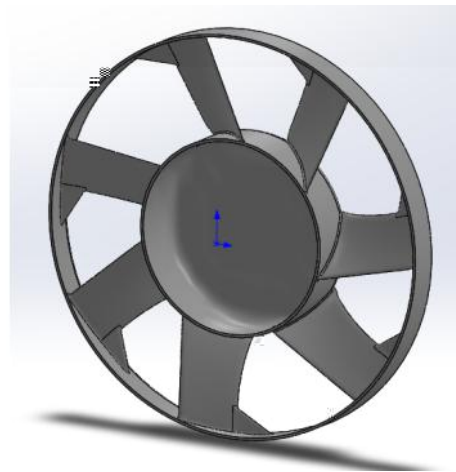
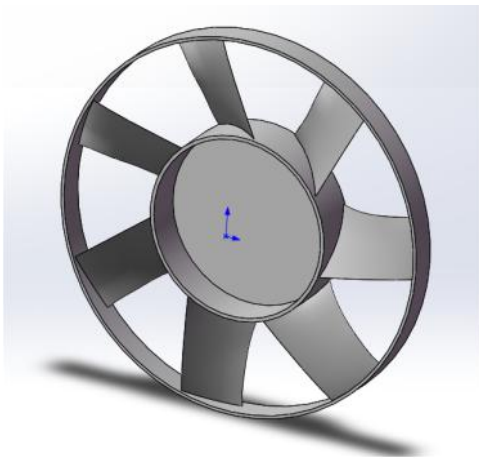
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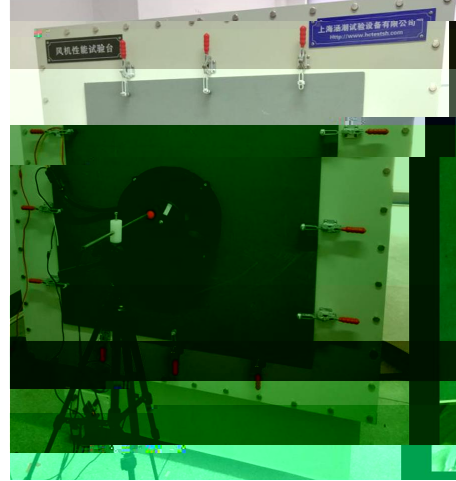
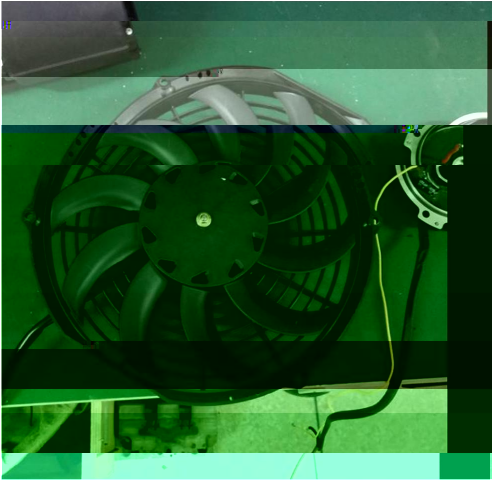
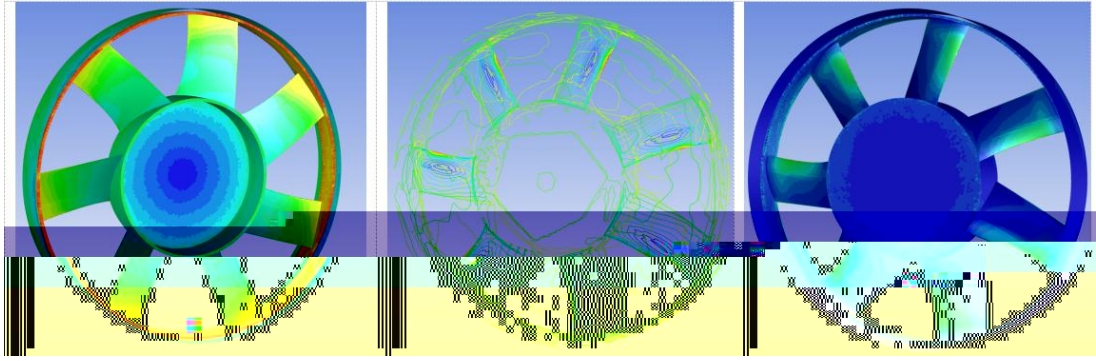
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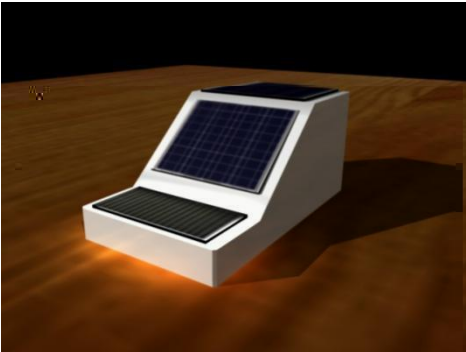




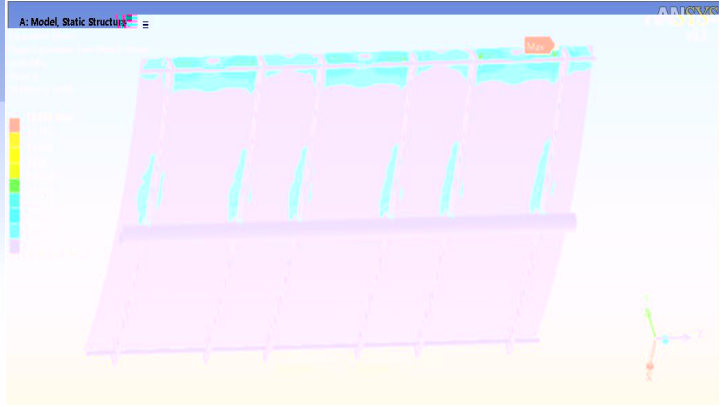
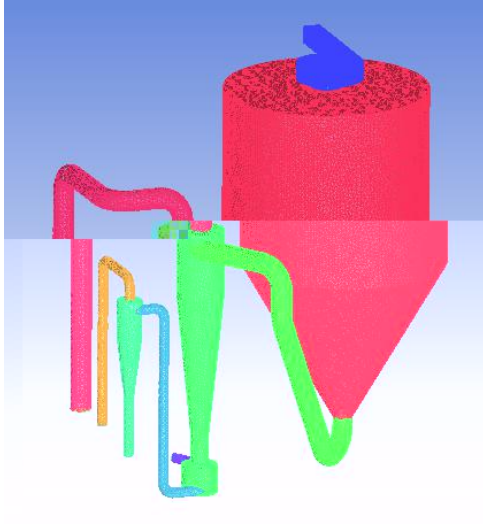


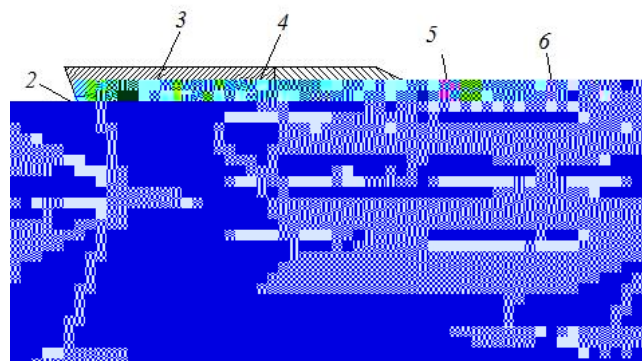






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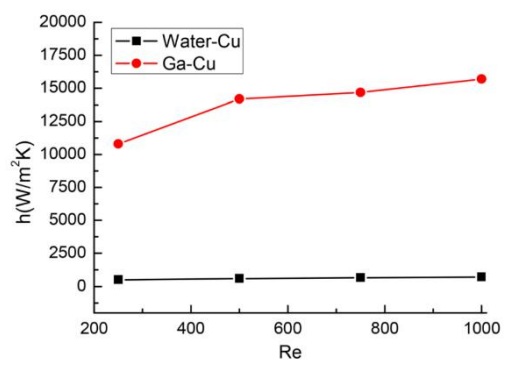
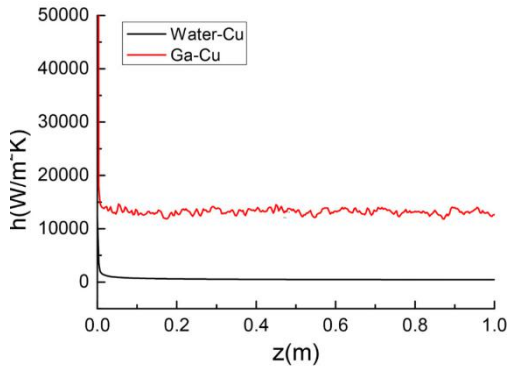


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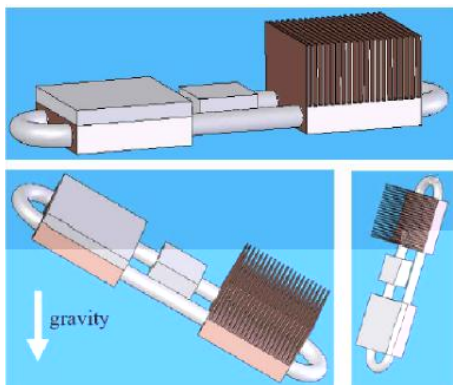
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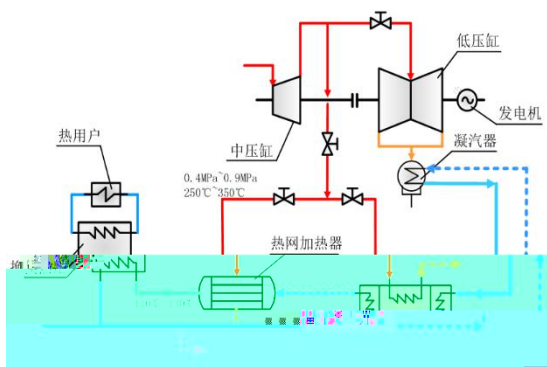
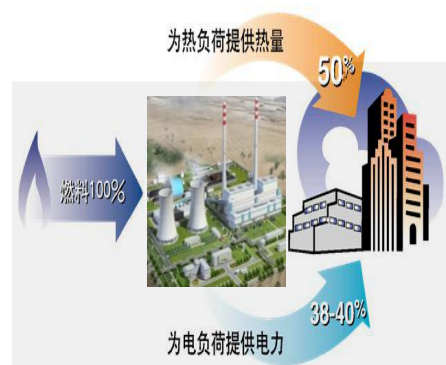
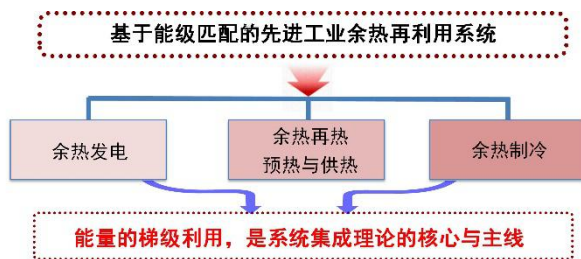
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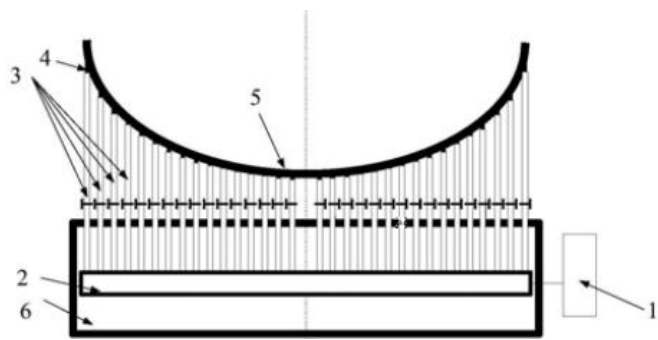


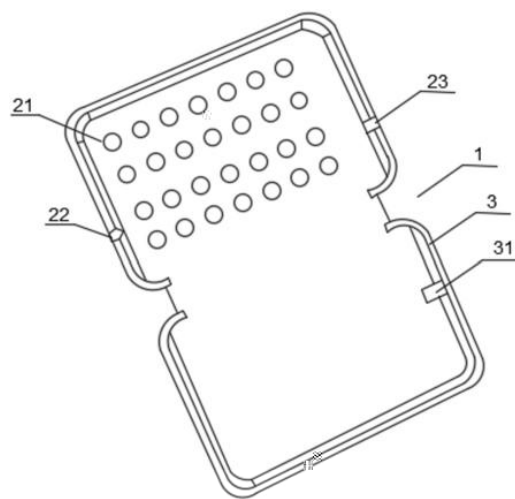




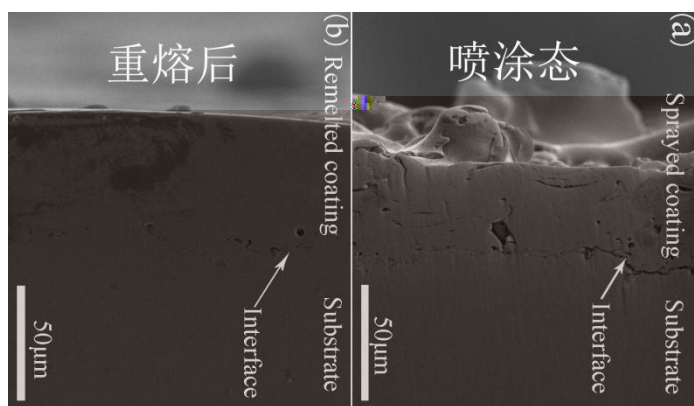


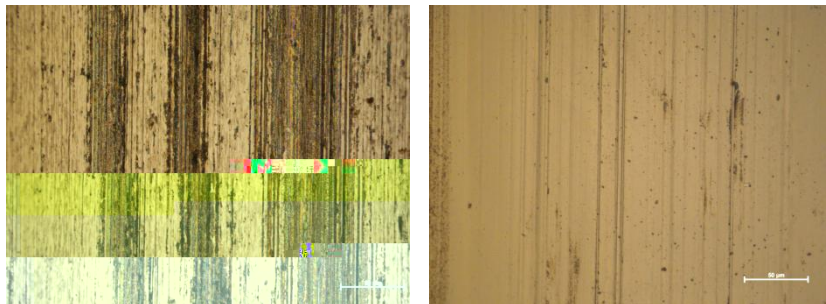
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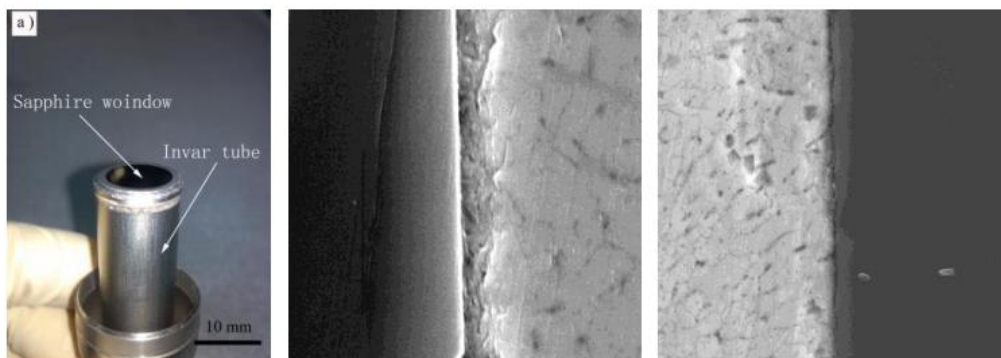












(a) 外观 (b) 蓝宝石/钎料界面 (c) 钎料/Invar 界面

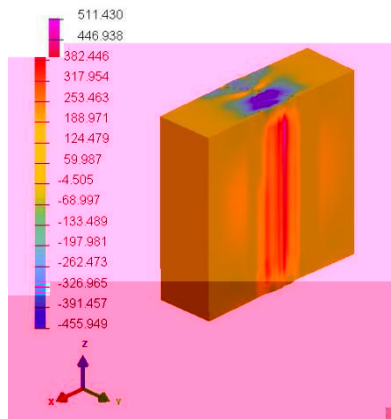
图 1. 某蓝宝石/Invar 合金红外窗口器件的封装

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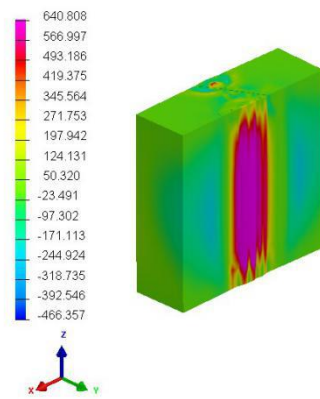
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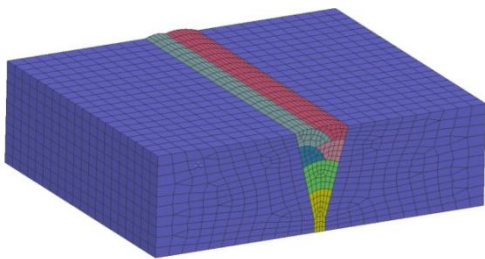
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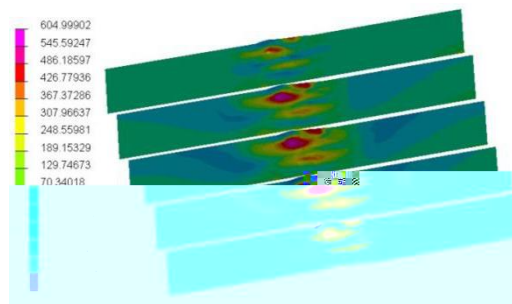
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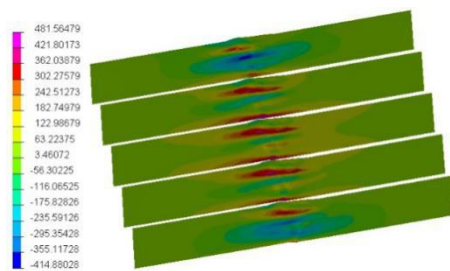
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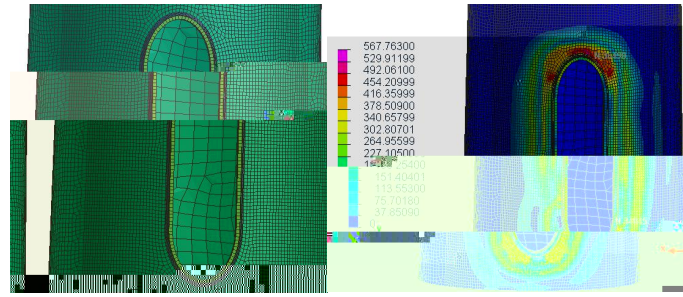
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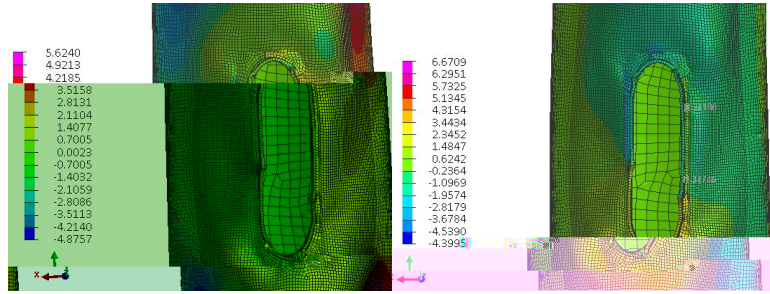


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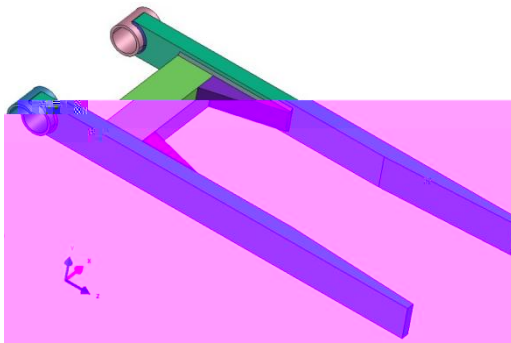
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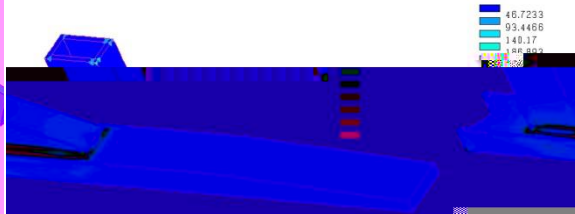


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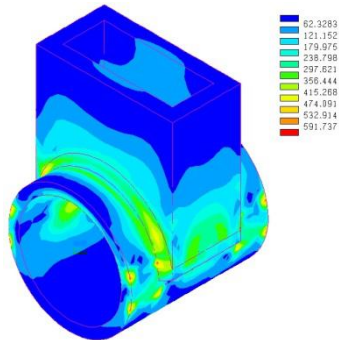
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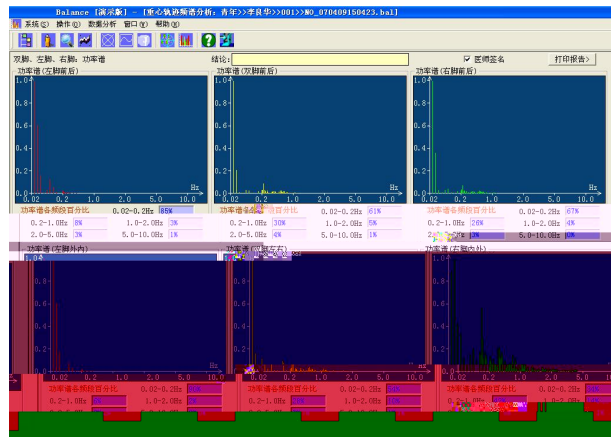
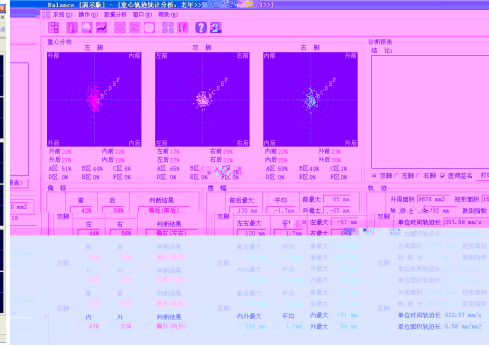
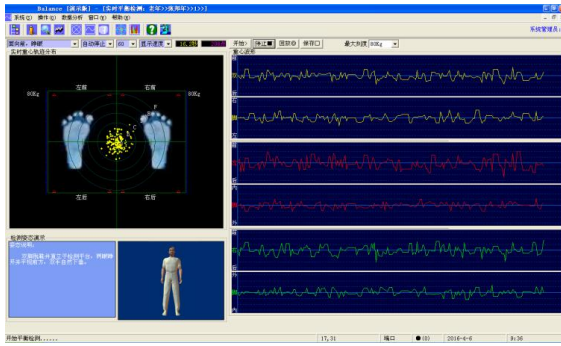


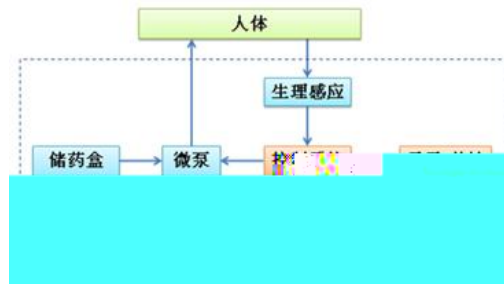
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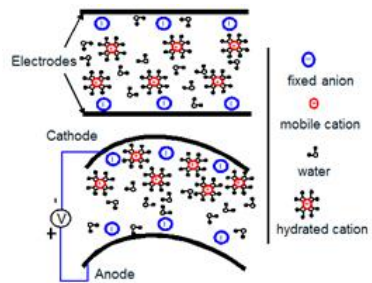


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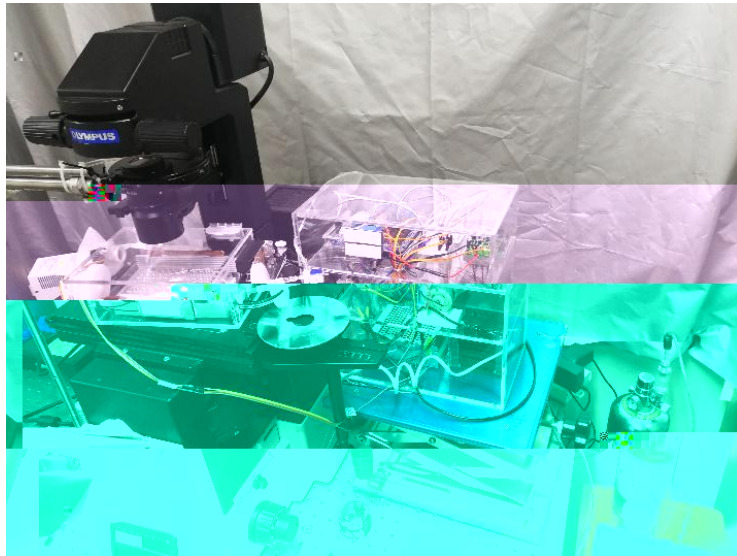






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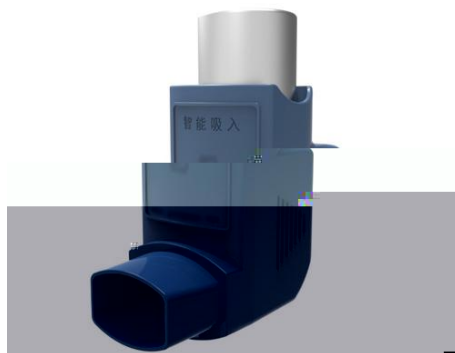


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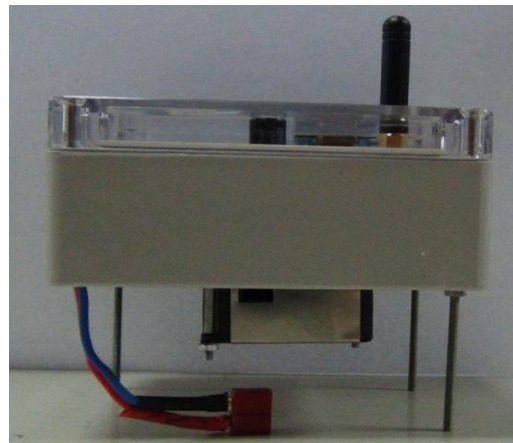
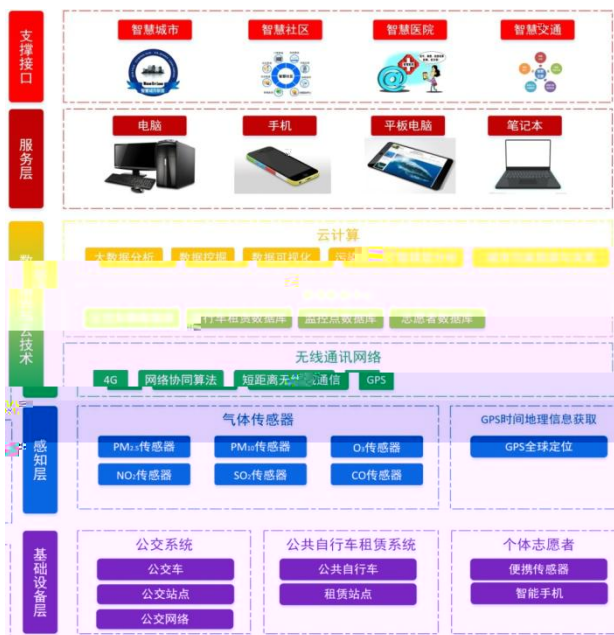
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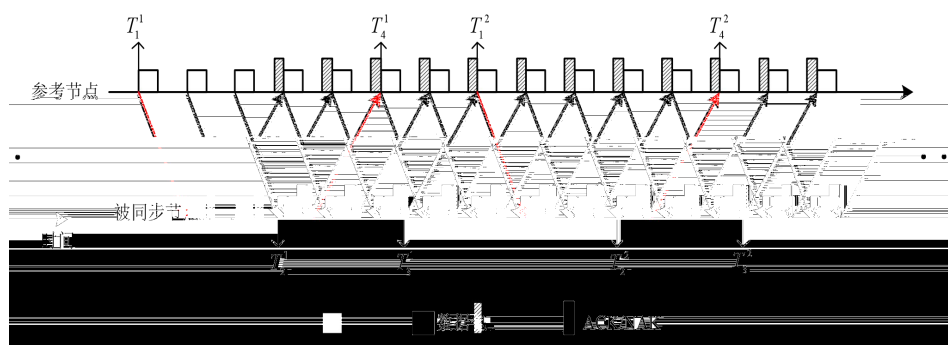


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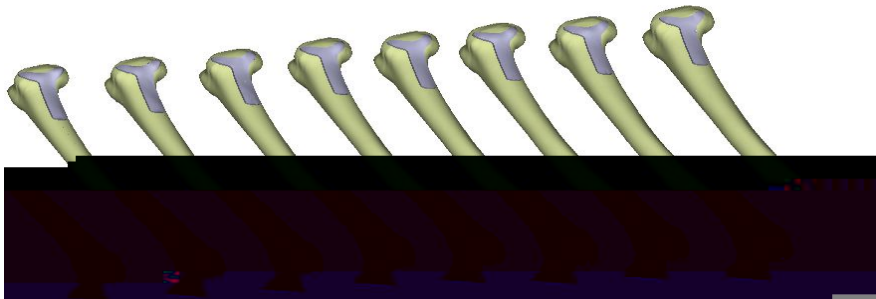
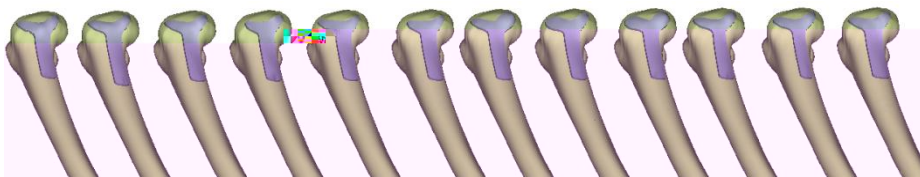
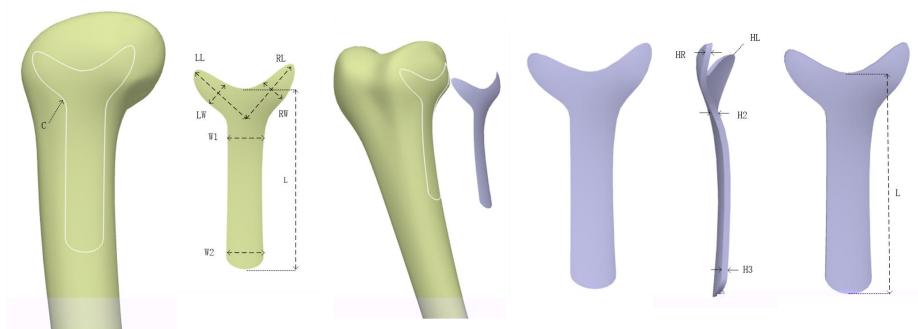












> 系统结构图

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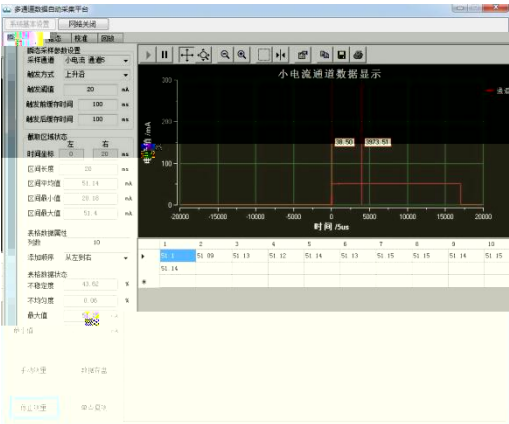
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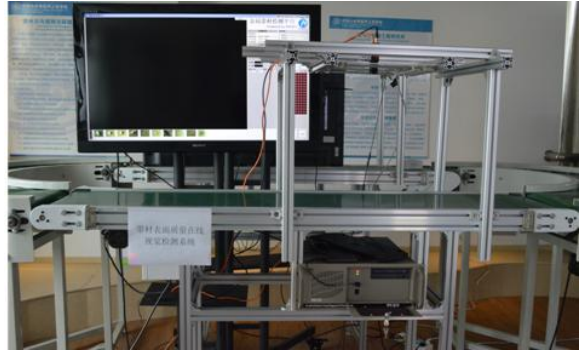
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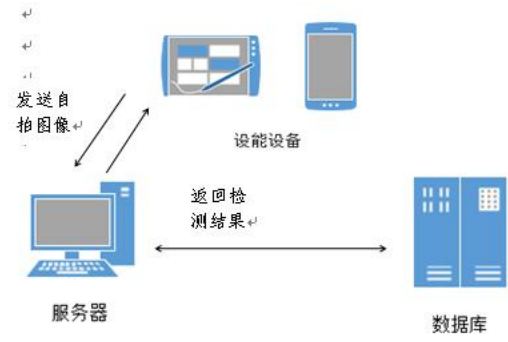
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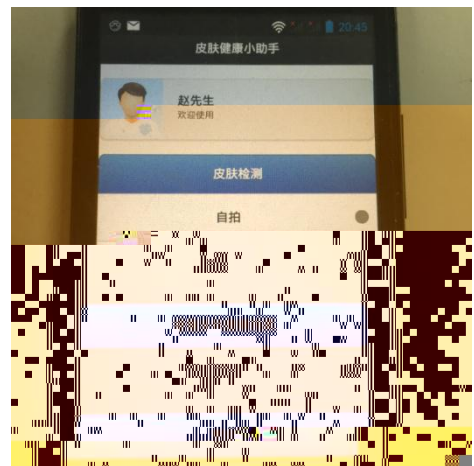
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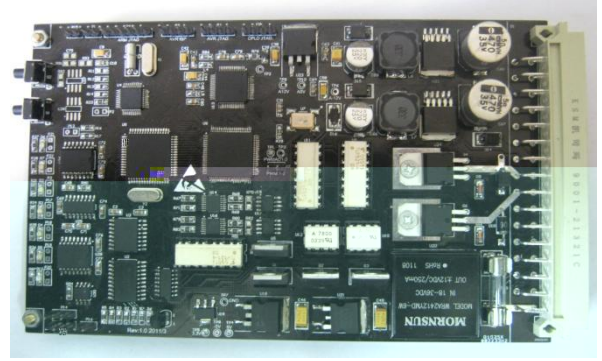


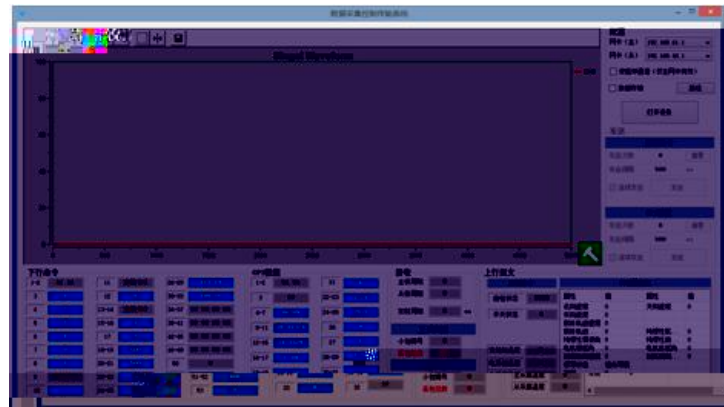
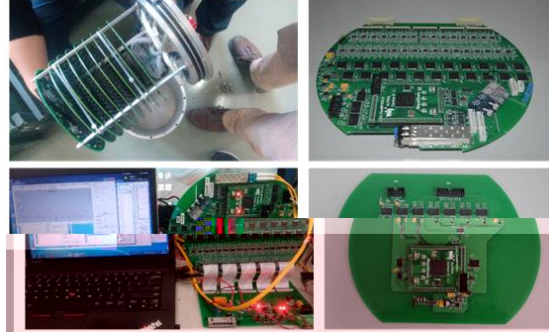


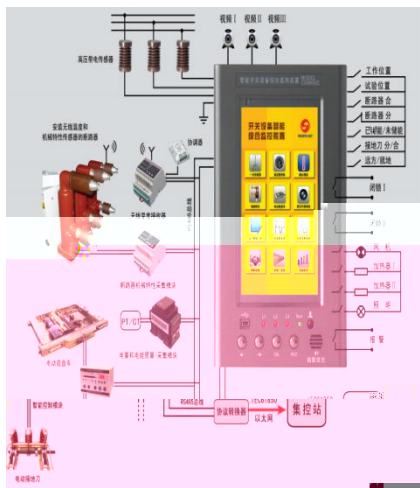
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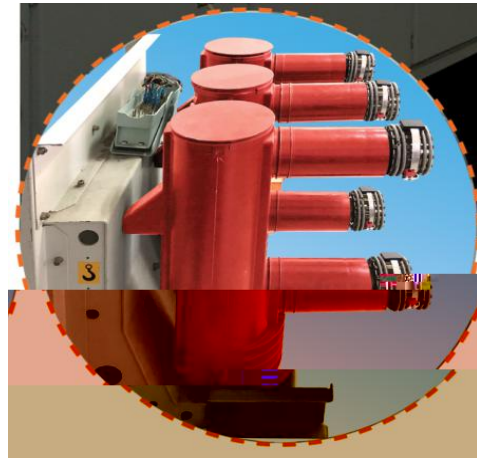
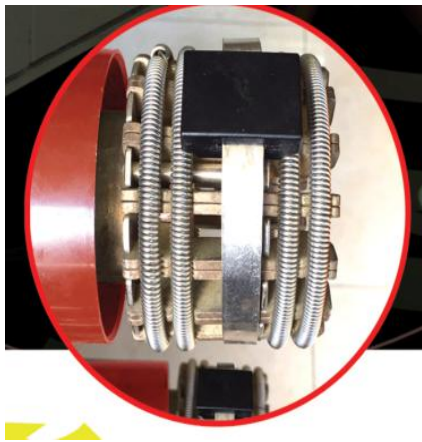


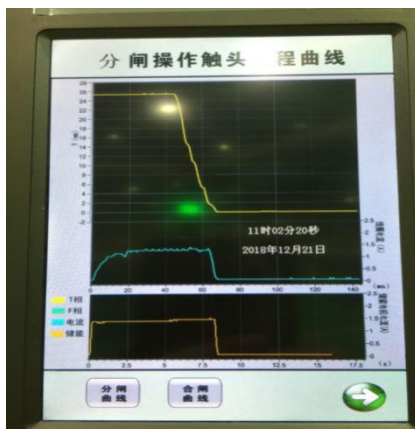
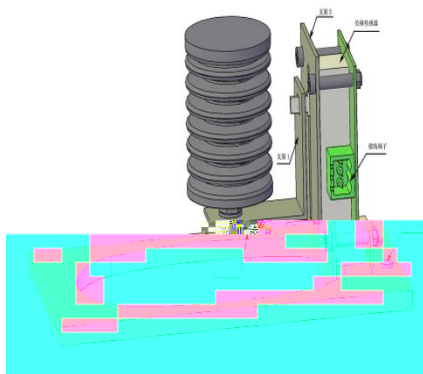






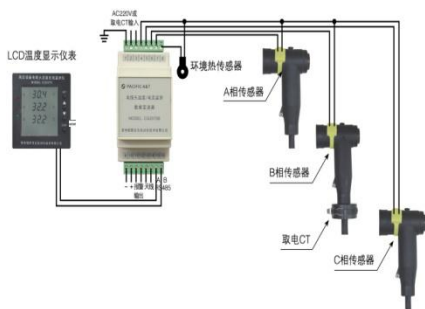
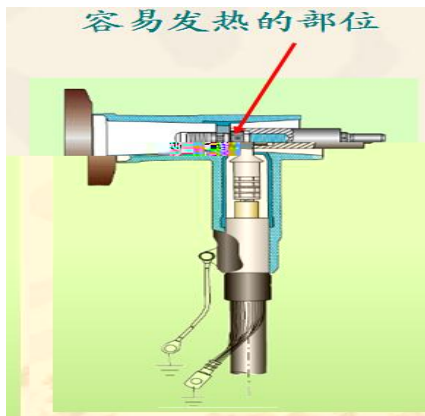






### 分合闸操作触头行程示数

断路器分合状态	次
断路器储能状态	次
合闸回路状态	次
分闸回路状态	次
断路器合闸次数	次
断路器分闸次数	次
合闸时间	ms
分闸时间	ms
A相总行程	mm
B相总行程	mm
C相总行程	mm
合闸速度	m/s
分闸速度	m/s
合闸线圈峰值电流	A
分闸线圈峰值电流	A
储能时间	s
储能电机峰值电流	A

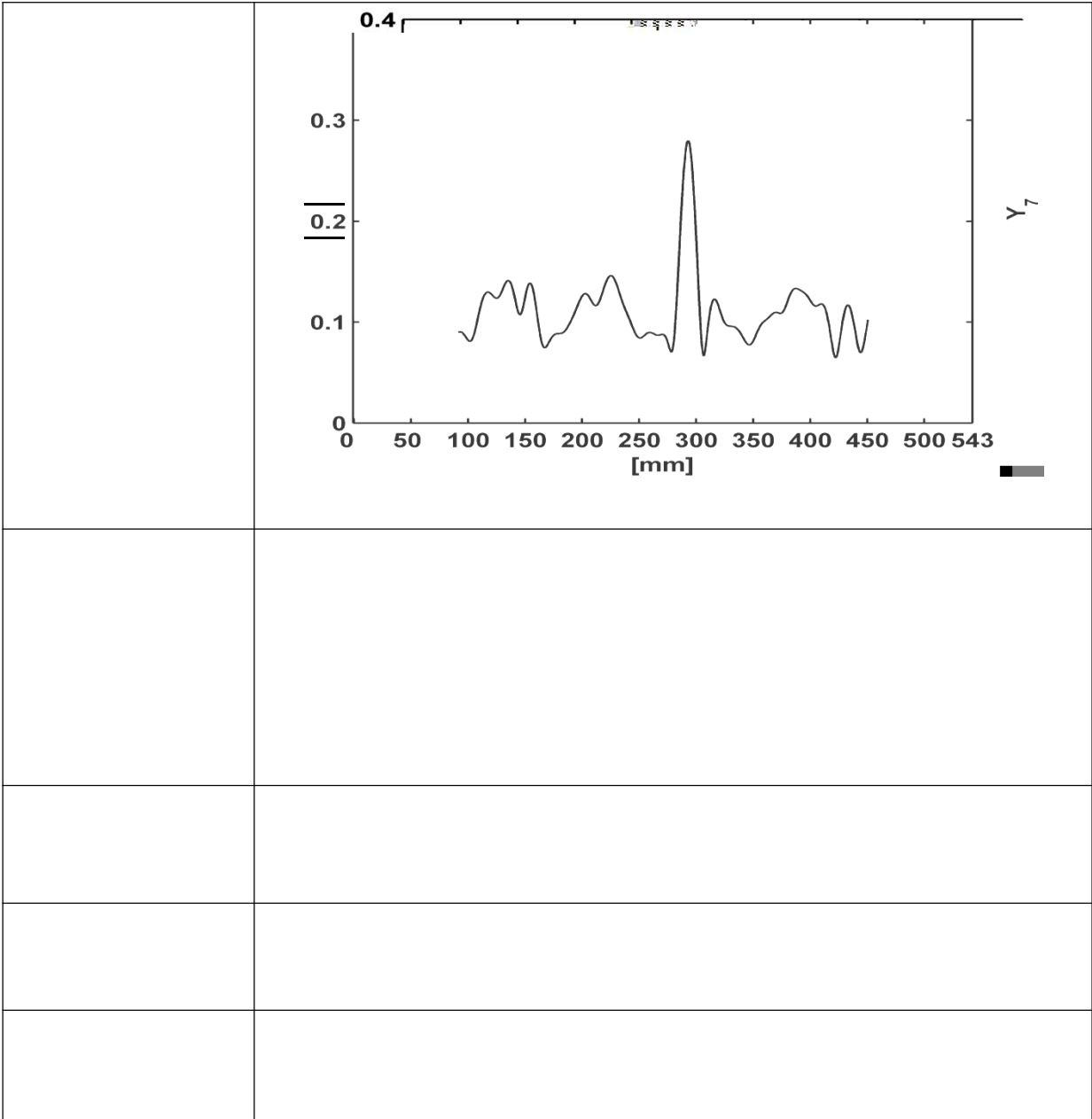




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本发明公开了一种利用粉煤灰制备的快凝耐蚀水泥及其制备方法,该快凝耐蚀水泥是由如下组成和方法制得:将按质量份计,粉煤灰60~75份、消石灰25~40份、碱性激发剂0.5~1.5份、硫酸盐激发剂1~2份共同粉磨成80 $\mu\text{m}$ 筛余小于5%的配合料,加水20~25份搅拌均匀制备成生料浆,将

生料浆与水和成浆体,将浆体注入模具中,在模具中养护,即可得到快凝耐蚀水泥。

	5 14	8 40 0.2 2	: 5 20 60 80 1.5 5 25 40

# 木 本發明提供一種可再塑硬化泥砂漿粉膠凝材料及其製法方法。該膠凝材料按質量

份由以下

組

成：

1. 水泥 100 份、砂 100 份、膠凝材料 100 份、外加劑 10 份、水 100 份、  
2. 水泥 100 份、砂 100 份、膠凝材料 100 份、外加劑 10 份、水 100 份、  
3. 水泥 100 份、砂 100 份、膠凝材料 100 份、外加劑 10 份、水 100 份、



# 木 苯及明礬質一種種存至硬泥泥砂漿粉膠凝材 料及其制各方法 這膠凝材料按質具

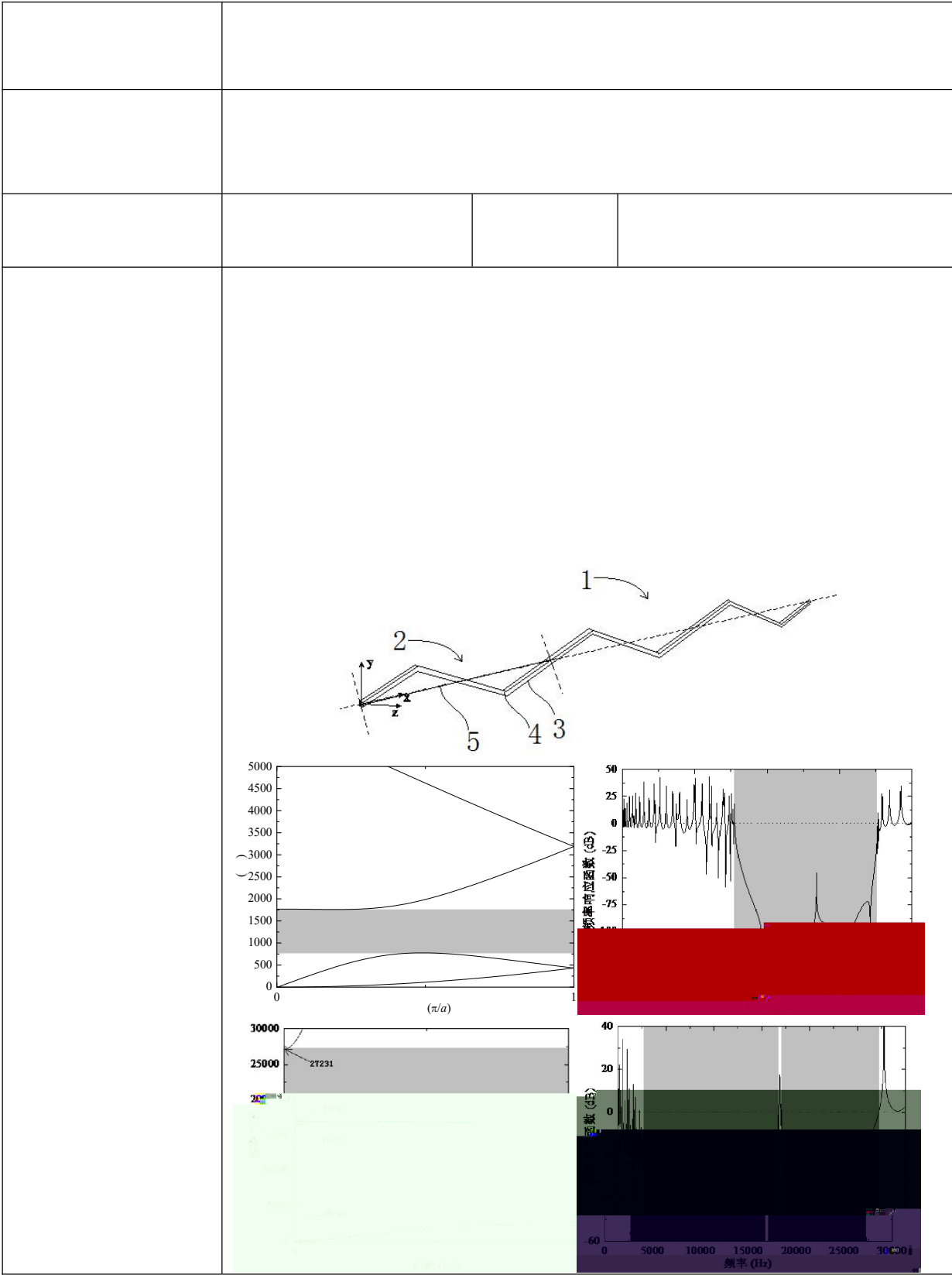
第 三 章

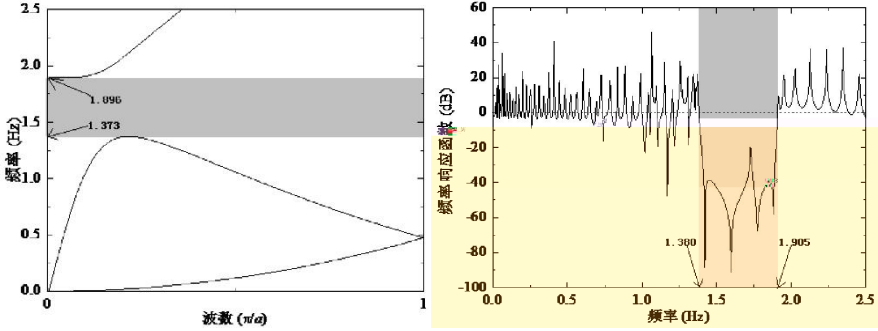
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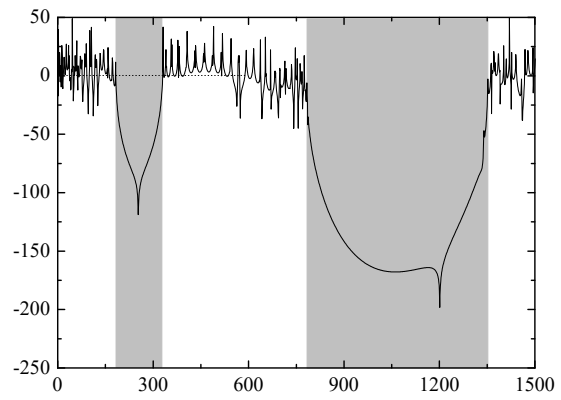
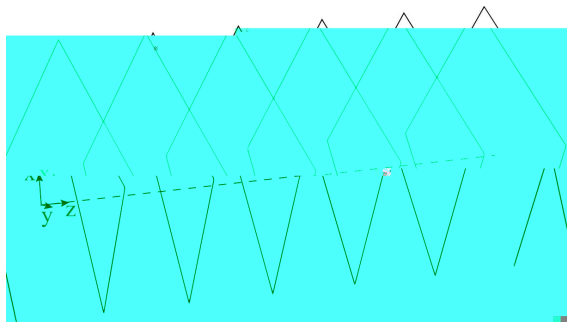
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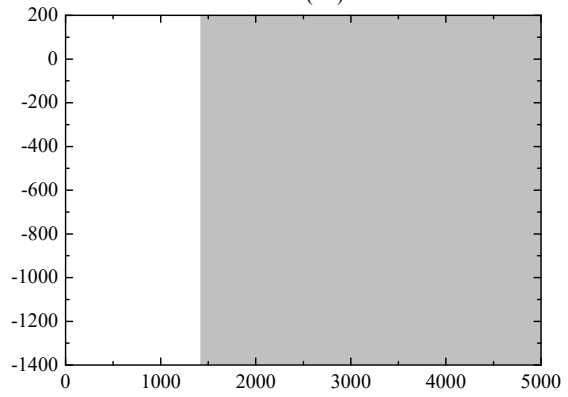
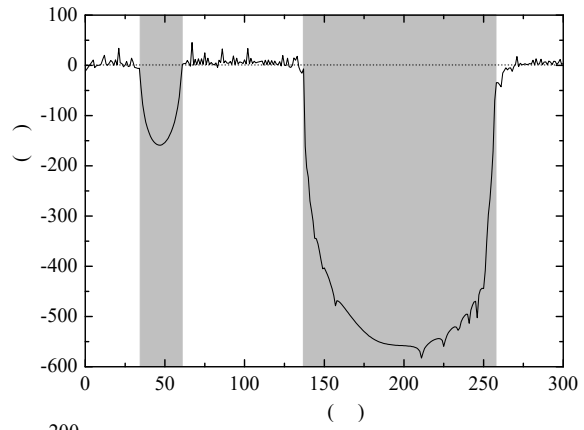
第一章 绪论	1
第二章 水泥	10
第三章 砂	15
第四章 粉煤灰	20
第五章 外加剂	25
第六章 混凝土	30
第七章 砂浆	35
第八章 胶凝材料	40
第九章 其他材料	45



	 <p>The figure contains two plots. The left plot shows wave number (波数) on the x-axis (0 to 1) and frequency (Hz) on the y-axis (0.0 to 2.5). It features several dispersion curves with a shaded region between 1.896 and 1.373 Hz. The right plot shows frequency response (频率响应) on the y-axis (-100 to 60) and frequency (Hz) on the x-axis (0.0 to 2.5). It displays a spectrum with peaks at 1.300 and 1.905 Hz, and shaded regions in grey and orange.</p>

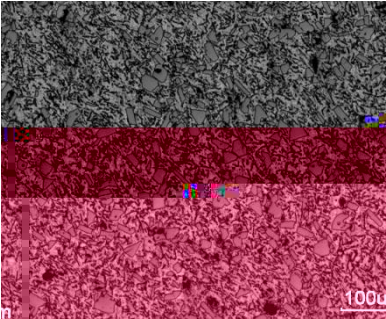




	<table border="1"> <caption>金属离子 I/I<sub>0</sub> 数据表</caption> <thead> <tr> <th>金属离子</th> <th>I/I<sub>0</sub> 值</th> </tr> </thead> <tbody> <tr><td>Fe</td><td>0.074</td></tr> <tr><td>Zn</td><td>1.29</td></tr> <tr><td>Cr</td><td>4.5</td></tr> <tr><td>Co</td><td>2.84</td></tr> <tr><td>Ni</td><td>2.5</td></tr> <tr><td>Ba</td><td>2.96</td></tr> <tr><td>Li</td><td>2.85</td></tr> <tr><td>Mg</td><td>1.61</td></tr> <tr><td>Al</td><td>1.99</td></tr> <tr><td>Pb</td><td>1.91</td></tr> <tr><td>Zr</td><td>1.19</td></tr> <tr><td>Cu</td><td>1.45</td></tr> </tbody> </table>	金属离子	I/I <sub>0</sub> 值	Fe	0.074	Zn	1.29	Cr	4.5	Co	2.84	Ni	2.5	Ba	2.96	Li	2.85	Mg	1.61	Al	1.99	Pb	1.91	Zr	1.19	Cu	1.45
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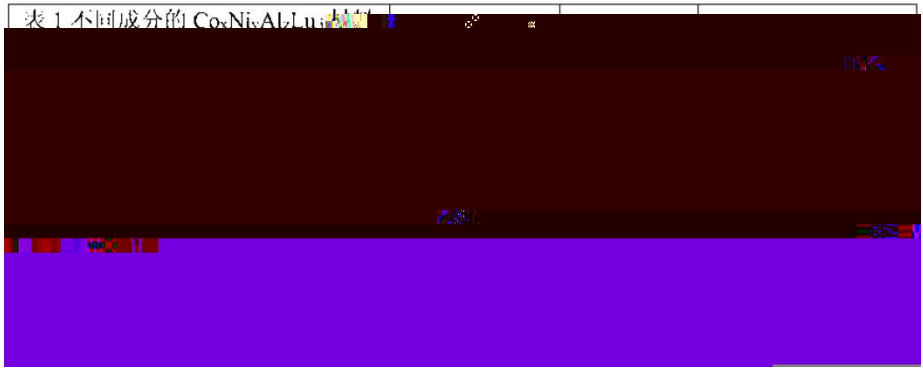


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	<table border="1"><tr><td></td><td></td><td></td></tr></table>			
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	<p>表 1 不同成分的 Co-Ni-Al-Lu</p> 		

	<table border="1"> <thead> <tr> <th>实施例</th> <th>18R相的体积分数</th> <th>抗拉强度/ MPa</th> <th>延伸率/ %</th> </tr> </thead> <tbody> <tr> <td>实施例1</td> <td>14</td> <td>418</td> <td>21.2</td> </tr> <tr> <td>实施例2</td> <td>21</td> <td>570</td> <td>12.0</td> </tr> <tr> <td>实施例3</td> <td>21</td> <td>523</td> <td>14.2</td> </tr> <tr> <td>实施例4</td> <td>21</td> <td>498</td> <td>15.1</td> </tr> <tr> <td>实施例5</td> <td>30</td> <td>506</td> <td>12.3</td> </tr> <tr> <td>实施例6</td> <td>15</td> <td>432</td> <td>18.2</td> </tr> </tbody> </table>			实施例	18R相的体积分数	抗拉强度/ MPa	延伸率/ %	实施例1	14	418	21.2	实施例2	21	570	12.0	实施例3	21	523	14.2	实施例4	21	498	15.1	实施例5	30	506	12.3	实施例6	15	432	18.2
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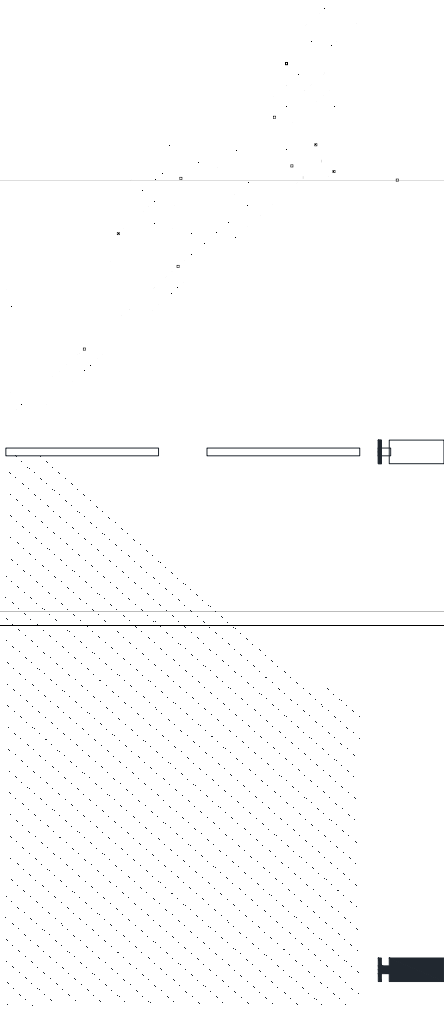


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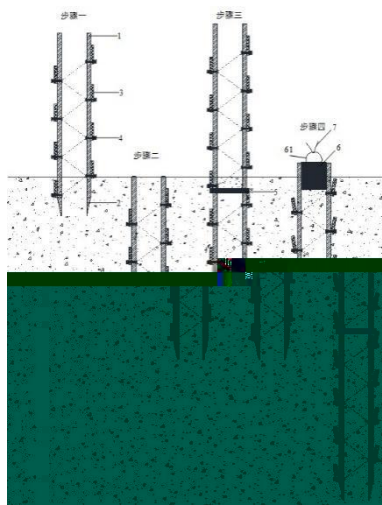


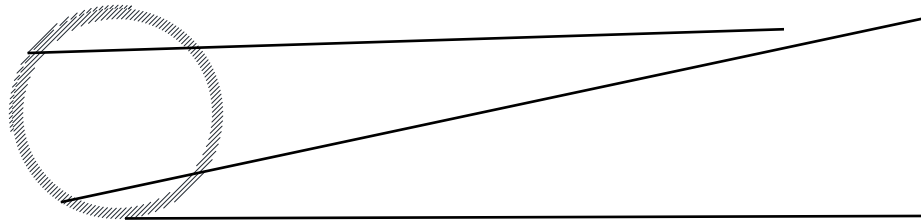


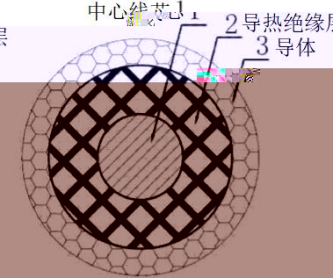




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	<p>The diagram shows a cross-section of a drainage structure. On the left is a stone wall. To its right is a drainage channel. The channel has a sloped bottom with a central pipe (14) and a side pipe (15). Above the channel is a concrete slab (8) with a drainage grate (7). Below the slab is a layer of gravel (17) and a drainage layer (18). The entire structure is supported by a concrete base (19). Callouts 1-22 point to various components: 1 (stone wall), 2 (mortar), 3 (drainage channel), 4 (concrete slab), 5 (gravel), 6 (drainage pipe), 7 (grate), 8 (concrete slab), 9 (mortar), 10 (drainage channel), 11 (concrete slab), 12 (drainage pipe), 13 (drainage channel), 14 (central pipe), 15 (side pipe), 16 (drainage pipe), 17 (gravel), 18 (drainage layer), 19 (concrete base), 20 (drainage channel), 21 (drainage pipe), 22 (drainage pipe).</p>		

	<p>The diagram shows a 4x4 grid of squares. Callouts 1, 2, 3, and 4 point to the top edge of the first, second, third, and fourth columns, respectively. Callouts 5, 6, 7, 8, and 9 point to various features on the right and left sides of the grid. A section line A-A is drawn vertically through the second and third columns, with 'A' at the top and 'A'' at the bottom.</p>		

