

**《工程测量》课程设计**

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**手**

**簿**

**姓 名：**

**班 级：**

**组 别:**

**指 导 老 师:**

20 年 月 日

三、四等水准测量记录

日期： 测段： 观测者： 记录者：

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| 测站编号 | 点号 | 后尺 | 下丝 | 前尺 | 下丝 | 方向及尺号 | 水准尺读数 | | K+黑-红 | 平均高差  （m） | 备注 |
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三、四等水准测量记录

日期： 测段： 观测者： 记录者：

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| 测站编号 | 点号 | 后尺 | 下丝 | 前尺 | 下丝 | 方向及尺号 | 水准尺读数 | | K+黑-红 | 平均高差  （m） | 备注 |
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三、四等水准测量记录

日期： 测段： 观测者： 记录者：

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三、四等水准测量记录

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水准路线闭合差的调整计算

日期： 计算者：

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| 点号 | 测站数 | 实测高差  （m） | 高差 改正数  （mm） | 改正后高差  （m） | 高程  （m） | 备注 |
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钢尺丈量手簿

日期： 天气： 钢尺型号：

观测者： 记录者：

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| 起点 | 终点 | 往测 | | 返测 | | 平均 长度 | 相对 误差 | 备注 |
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水平角观测记录（测回法）

日期： 天气： 仪器编号： 观测者

班级： 组别： 记录者

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| 测站 | 竖盘位置 | 目标 | 水平度盘读数  ° ′ ″ | 半侧回角值  ° ′ ″ | 一测回角值  ° ′ ″ | 备注 |
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水平角观测记录（测回法）

日期： 天气： 仪器编号： 观测者

班级： 组别： 记录者

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| 测站 | 竖盘位置 | 目标 | 水平度盘读数  ° ′ ″ | 半侧回角值  ° ′ ″ | 一测回角值  ° ′ ″ | 备注 |
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闭合导线坐标计算

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| 辅助计算 |  | 导线简图 |  |
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地形测量记录

日期： 测站： 测站高程： 仪器高：i= 观测者： 记录者：

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| 测点 | 水平角  °′ ″ | 标尺读数 | | | 视距间距  a-b | 竖直角 | | 高差 | | 平均 距离  （米） | 测点 高程  （米） | 备注 |
| 中丝 | 上丝a | 下丝b | 竖盘读数  °′ ″ | 竖直角  °′ ″ | （米） | h  （米） |
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| 测点 | 水平角  °′ ″ | 标尺读数 | | | 视距间距  a-b | 竖直角 | | 高差 | | 平均 距离  （米） | 测点 高程  （米） | 备注 |
| 中丝 | 上丝a | 下丝b | 竖盘读数  °′ ″ | 竖直角  °′ ″ | （米） | h  （米） |
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日期： 测站： 测站高程： 仪器高：i= 观测者： 记录者：

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| 测点 | 水平角  °′ ″ | 标尺读数 | | | 视距间距  a-b | 竖直角 | | 高差 | | 平均 距离  （米） | 测点 高程  （米） | 备注 |
| 中丝 | 上丝a | 下丝b | 竖盘读数  °′ ″ | 竖直角  °′ ″ | （米） | h  （米） |
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