**附录5：**

**福州大学第九届“汇仟杯”测量大赛**

**四等水准测量记录表**

日期 参赛组别 记录员

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 测站编号 | 点号 | 后  尺 | 上丝 | 前  尺 | 上丝 | 方 向  及  尺 号 | 标尺读数 | | K+黑  -红  (mm) | 高差  中数  (m) | 备  注 |
| 下丝 | 下丝 |
| 后视距离 | | 前视距离 | | 黑  面 | 红  面 |
| 视距差（m） | | 累积差（m） | |
|  |  |  | |  | | 后 视 |  |  |  |  | 1#标尺的常数  K=    2#标尺的常数  K= |
|  | |  | | 前 视 |  |  |  |
|  | |  | | 后-前 |  |  |  |
|  | |  | |  | | | | |
|  |  |  | |  | | 后 视 |  |  |  |  |
|  | |  | | 前 视 |  |  |  |
|  | |  | | 后-前 |  |  |  |
|  | |  | |  | | | | |
|  |  |  | |  | | 后 视 |  |  |  |  |
|  | |  | | 前 视 |  |  |  |
|  | |  | | 后-前 |  |  |  |
|  | |  | |  | | | | |
|  |  |  | |  | | 后 视 |  |  |  |  |
|  | |  | | 前 视 |  |  |  |
|  | |  | | 后-前 |  |  |  |
|  | |  | |  | | | | |
|  |  |  | |  | | 后 视 |  |  |  |  |
|  | |  | | 前 视 |  |  |  |
|  | |  | | 后-前 |  |  |  |
|  | |  | |  | | | | |

**福州大学第九届“汇仟杯”测量大赛**

**四等水准测量成果计算表**

参赛小组 计算员

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 点号 | 测站数 | 实测高差  （m） | 改正数  （mm） | 改正后高差  （m） | 高程（m） | 备注 | 点号 |
|
|  |  |  |  |  |  | 已知点 |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| 辅助计算： | | | | | | | |

**福州大学第九届“汇仟杯”测量大赛**

**全站仪导线测量手簿**

参赛小组： 观测： 记录：

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 测回 | 测站 | 竖盘位置 | 目标 | 水平读数HR | 水平距离HD | 半测回  角值 | 一测回角值 | 半测回差 | 备注 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |
|  |  |  |

计算： 复核：