# 物理实验预习报告

实验名称：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

实验日期：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 学生姓名：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 学号：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# 一、实验目的

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# 二、实验仪器

|  |  |  |  |
| --- | --- | --- | --- |
| 仪器名称 | 规格/型号 | 数量 | 备注 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 三、注意事项

1.

2.

3.

4.

# 四、原始数据记录表格

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| I(mA) | 0.00 | 0.30 | 0.50 | 1.00 | 2.00 | 5.00 | 8.00 | 11.00 | 15.00 |
| U(V) |  |  |  |  |  |  |  |  |  |

测量二极管正向伏安特性-参考数据表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| U(V) | 0.00 | 1.00 | 2.00 | 3.00 | 5.00 | 7.00 | 9.00 | 11.00 | 13.00 | 15.00 |
| I(μA) |  |  |  |  |  |  |  |  |  |  |

测量二极管反向伏安特性-参考数据表

电压表量程：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_；准确度等级：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_；内阻：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

电流表量程：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_；准确度等级：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_；内阻：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| U(V) | 0.00 | 0.25 | 0.50 | 1.00 | 1.50 | 2.00 | 2.50 | 3.00 |
| I(mA) |  |  |  |  |  |  |  |  |

测量小灯泡反向伏安特性-参考数据表