1. 光的偏振特性以及马吕斯定律所需设备：

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 检偏器旋转角度 |  |  |  |  |  |  |  |  |  |
| 功率 |  |  |  |  |  |  |  |  |  |
| 检偏器旋转角度 |  |  |  |  |  |  |  |  |  |
| 功率 |  |  |  |  |  |  |  |  |  |

2. 波片的光学特性

|  |  |  |
| --- | --- | --- |
| 波片转过角度 | 逐渐旋转观察到的现象 | 光的偏振性质 |
| 15° |  |  |
| 30° |  |  |
| 45° |  |  |
| 60° |  |  |
| 75° |  |  |
| 90° |  |  |

3. 波片的作用

|  |  |  |
| --- | --- | --- |
| 波片转过角度 |  | 线偏振光经波片后振动方向转过的角度 |
| 15° |  |  |
| 30° |  |  |
| 45° |  |  |
| 60° |  |  |
| 75° |  |  |
| 90° |  |  |

4. 物质的旋光特性（选做）

为再次消光检偏器所需要旋转的角度：