**5.42：**

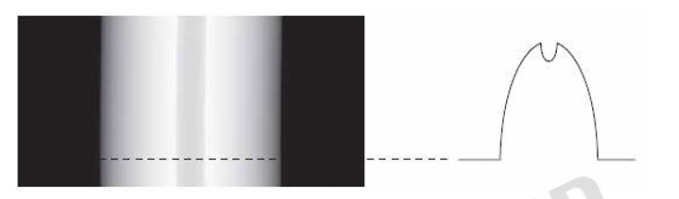
设图像白色的像素值为，大圆的半径为，小圆的半径为

当时：

当时：

当时

其Radon变换图为：



**6.6：**

下表表示各种颜色的RGB成分：

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Color** | **R** | **G** | **B** | **Mono R** | **Mono G** | **Mono B** |
| Black | 0 | 0 | 0 | 0 | 0 | 0 |
| Red | 1 | 0 | 0 | 255 | 0 | 0 |
| Yellow | 1 | 1 | 0 | 255 | 255 | 0 |
| Green | 0 | 1 | 0 | 0 | 255 | 0 |
| Cyan | 0 | 1 | 1 | 0 | 255 | 255 |
| Blue | 0 | 0 | 1 | 0 | 0 | 255 |
| Magenta | 1 | 0 | 1 | 255 | 0 | 255 |
| White | 1 | 1 | 1 | 255 | 255 | 255 |
| Gray | 0.5 | 0.5 | 0.5 | 128 | 128 | 128 |

单分量RGB图为：

