

```
IonPositionReadOutWithSpecialParameter[im_] :=
```

```
Module[{filteredImage, edgeofImage, m, centerPosition, component},
```

[模块

```
edgeofImage = EdgeDetect[im, 2.5`, 0.052`, Method → "Canny"];
```

[边缘检测

[方法

```
m = MorphologicalComponents[edgeofImage] // Colorize;
```

[形态学分量

[着色

```
component = ComponentMeasurements[m, {"Centroid", "FilledCircularity"}];
```

[分量度量

```
centerPosition = Table[component[[i, 2, 1]], {i, 1, component // Length}]]
```

[表格

[长度