In[ ]:=
```
img = Import["E:\\MISC\\Image\\99fb3cad6e3566c962ab10c969ae6720.jpg"]
```
导入 自然常数 图像

Out[ ]=

In[ ]:=
```
EdgeDetect[Blur[img, 3]]
```
边缘检测 模糊

Out[ ]=

In[ ]:=
```
Binarize[EdgeDetect[Blur[img, 3]]]
```
二值化 边缘检测 模糊

Out[ ]=

In[ ]:=
```
el = ImageMeasurements[Binarize[EdgeDetect[Blur[img, 3]]], "Contours"]
```
图像度量 二值化 边缘检测 模糊 等高线

Out[ ]=

```
{Line[
  {{276, 366}, {276, 365}, {276, 365}, {212, 365}, {212, 364}, {212, 364}, ··· 213 ···,
   {282, 365}, {278, 365}, {278, 365}, {278, 366}, {276, 366}}], ··· 239 ···, ··· 1 ···}
```

大型输出 | 显示更少 | 显示更多 | 显示全部 | 设定大小限制...

In[ ]:=
```
Graphics[el]
```
图形

Out[ ]=

In[ ]:=
```
Rasterize@Graphics[el]
```
栅格化 图形

Out[ ]=

In[ ]:=
```
ImageMeasurements[Rasterize@Graphics[el], "Contours"]
```
图像度量 栅格化 图形 等高线

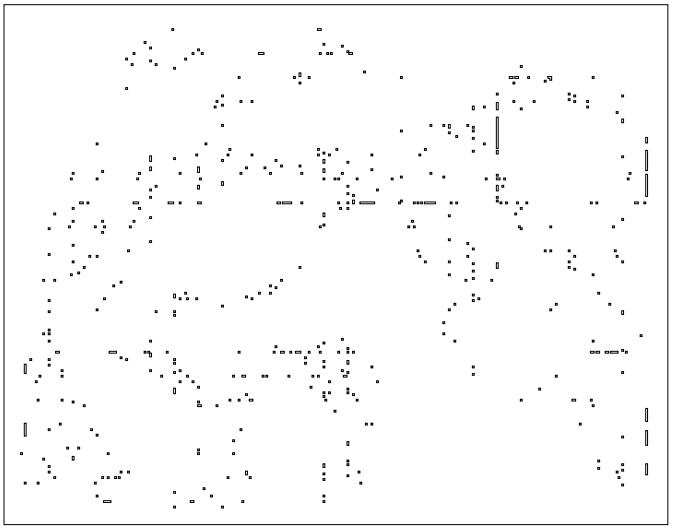
Out[ ]=

```
{Line[{{0, 282}, {0, 0}, {360, 0}, {360, 282}, {0, 282}}],
 ··· 445 ···, Line[{{118, 10}, {118, 10}, {119, 10},
   {119, 10}, {119, 9}, {119, 9}, {118, 9}, {118, 9}, {118, 10}}]}
```

大型输出 | 显示更少 | 显示更多 | 显示全部 | 设定大小限制...

In[ ]:=
```
Graphics@%51
```
图形

Out[ ]=



In[ ]:=
```
Length[Line[{1, 2, 1, 6, 5, 5}][[1]]]
```
长度 线段

Out[ ]=
```
6
```

In[ ]:=
```
Line[{1, 2, 1, 6, 5, 5}][[0]]
```
线段

Out[ ]=
```
Line
```

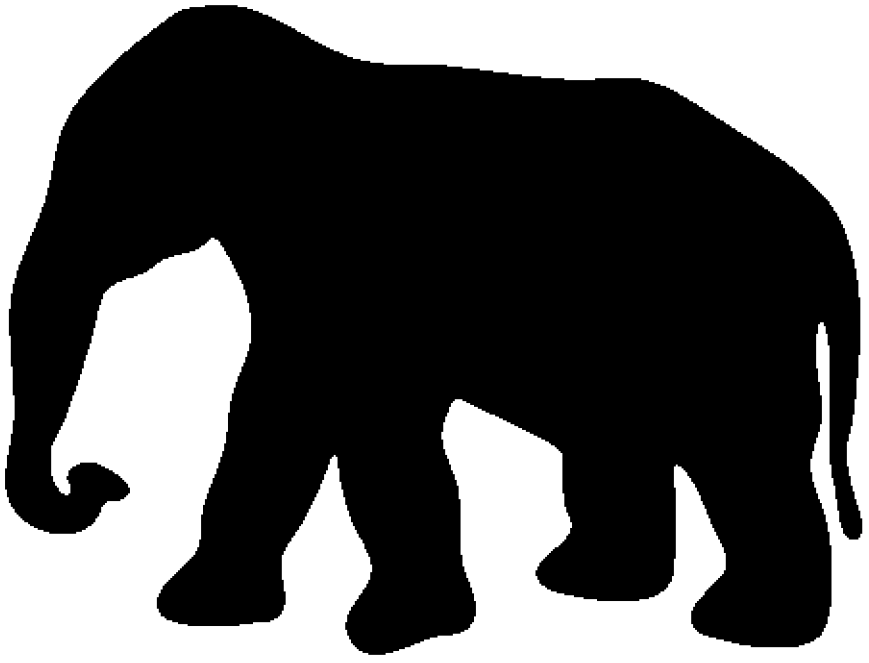
Fourier
傅立叶

In[ ]:=
```
img = Import["https://i.stack.imgur.com/wtJoA.png"]
```
导入

Out[ ]=

In[ ]:=
```
Binarize[img ~ ColorConvert ~ "Grayscale" ~ ImageResize ~ 500 ~ Blur ~ 3]
```
二值化 转换颜色 调整图像大小 模糊

Out[ ]=



In[ ]:= **Binarize[img]**
二値化

Out[ ]=