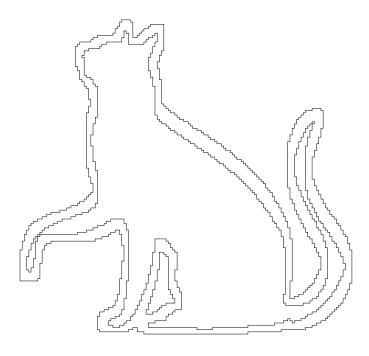
用轮廓线制作手绘图

```
In[*]:= contourFourierDescriptors[Line[contour_], n_] :=
      Module[{z, k}, z = Fourier[Complex @@@ contour];
                      傅立叶
                             复数
       k = Max[Ceiling[1 / 2 Min[Length[contour] / 2, n]], 1];
                       z[k; -k] = 0;
       z]
In[@]:= reconstructContour[descriptors_] :=
      Module[{rc}, rc = ReIm[InverseFourier[descriptors]];
                      上… 」 离散傅立叶逆变换
       Line[Append[rc, rc[1]]]]
      In[@]:= smoothContour[contour_, n_] :=
     reconstructContour[contourFourierDescriptors[contour, n]]
```

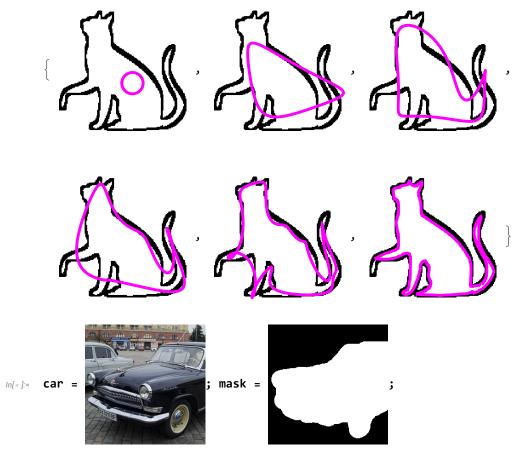
```
In[*]:= img = ;
```

Out[•]=



Table[HighlightImage[img, {AbsoluteThickness[3], smoothContour[cs[2]], n]}, 表格 突出显示图像 上绝对粗细

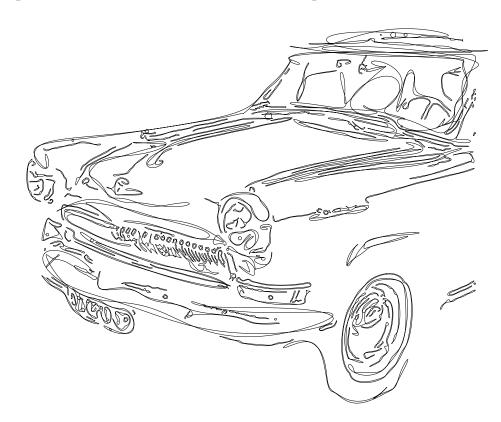
 ${\tt PlotRangePadding} \rightarrow {\tt 10]}, \, \{{\tt n}, \, \{{\tt 3}, \, {\tt 5}, \, {\tt 9}, \, {\tt 11}, \, {\tt 21}, \, {\tt \infty}\}\}]$ 填充绘制范围

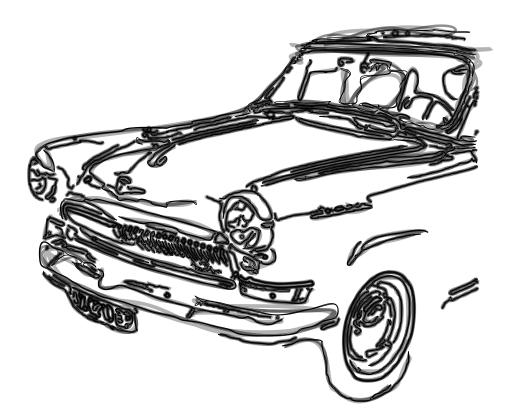


```
In[ • ]:= contours =
```

Graphics[smoothContour[#, 21] & /@ contours, ImageSize → 500]

图形





```
In[ • ]:= contours =
```

Graphics[contours, ImageSize → 500]

图形图像尺寸

