

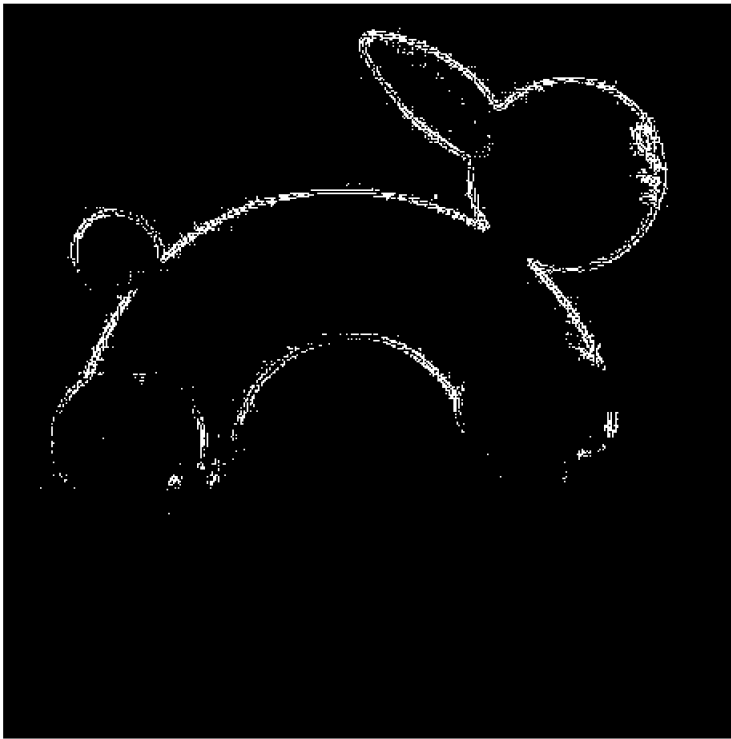
H2

Apartat 1

```
I = imread('rabbit.jpg');  
imshow(I)
```

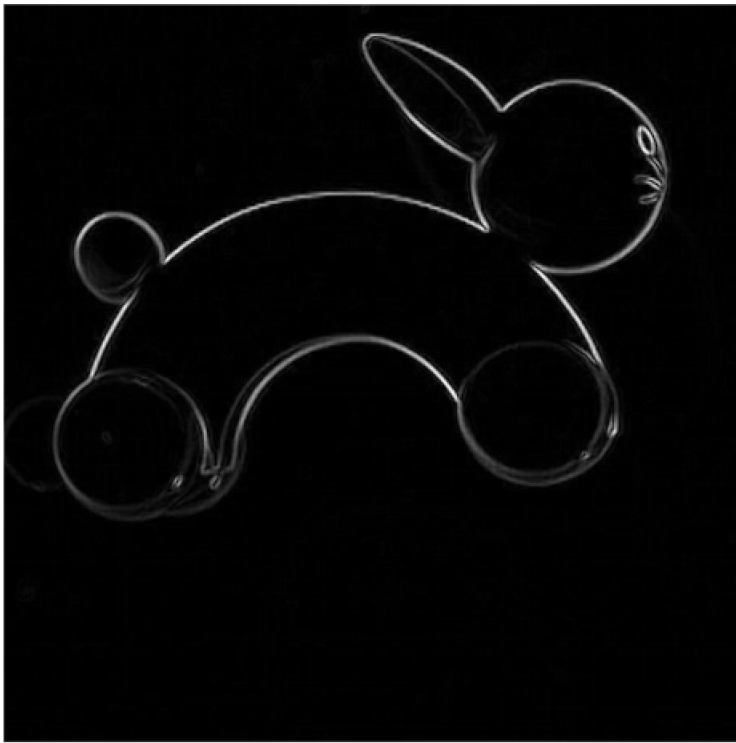


```
hL = [0 1 0; 1 -4 1; 0 1 0];  
L = abs(imfilter(double(I), hL));  
L = L > 20;  
imshow(L,[])
```



Apartat 2

```
hx = [1 0 -1; 2 0 -2; 1 0 -1];  
hy = hx';  
Gx = abs(imfilter(double(I), hx));  
Gx = Gx/max(max(Gx));  
Gy = abs(imfilter(double(I), hy));  
Gy = Gy/max(max(Gy));  
G = (Gx + Gy);  
imshow(G,[])
```



```
G2 = G > 0.2;  
imshow(G2, [])
```

