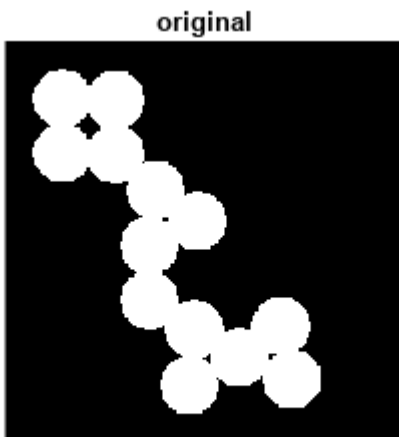


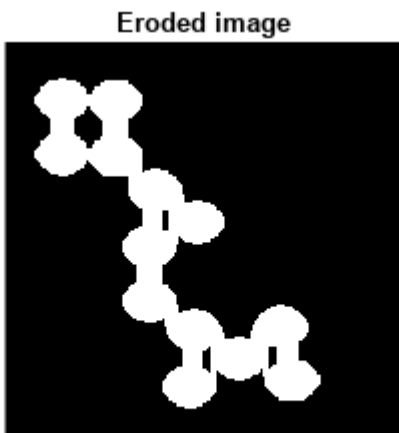
## Read an image, apply erosion and subtract result from og

```
imgBW = imread('circles.png');  
imshow(imgBW);  
title("original");
```



### Apply erosion

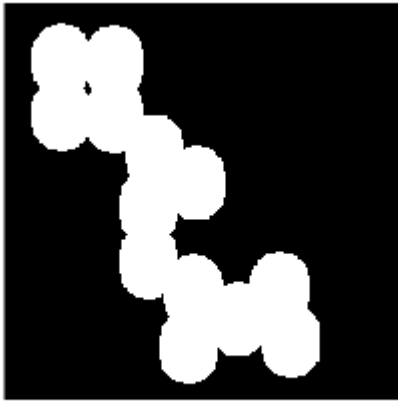
```
se = strel('line',11,90);  
er_img = imerode(imgBW, se);  
imshow(er_img);  
title("Eroded image");
```



### Dilation

```
de_img = imdilate(imgBW, se);  
imshow(de_img);  
title("Dilated image");
```

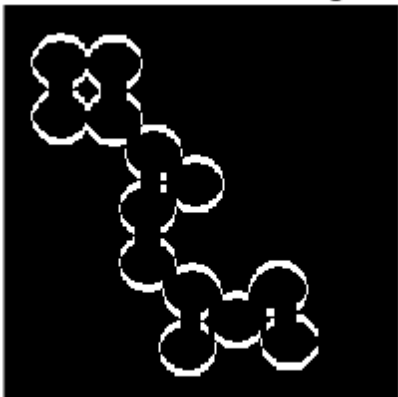
**Dilated image**



Subtracting result from og

```
n_img = imsubtract(imgBW, er_img);  
imshow(n_img);  
title("Subtracted eroded image");
```

**Subtracted eroded image**



```
d_img = imsubtract(de_img, imgBW);  
imshow(d_img);  
title("Subtracted dilated image");
```

Subtracted dilated image

