

---

Subject: Re: Contour

Posted by [VU KHAC Tri](#) on Fri, 30 Apr 1999 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

Suppose you have 2D BW image (0-black, 1-white)

```
img1 = AddBorderToImage(img, 1, 1, 1, 1)
```

```
img2 = shift(img1,1,1)
```

```
img3 = shift(img1,0,1)
```

```
img4 = shift(img1,-1,1)
```

```
img5 = shift(img1,0,1)
```

```
img6 = shift(img1,0,-1)
```

```
img7 = shift(img1,-1,1)
```

```
img8 = shift(img1,-1,0)
```

```
img9 = shift(img1,-1,-1)
```

```
My_Contour = (img1 EQ 1) AND ((img1 NE img2) OR (img1 NE img3) OR (img1 NE  
img4) OR ... (img1 NE img9))
```

```
My_Contour = TrimBorderOfImage(My_Contour, 1,1,1,1)
```

My\_Contour now is the image of the contour of BW image.

Regards,

Tri.

> Ciao,

>

> I want to extract the contour of lungs in CT-images. Therefore I created

> an black/white image, where the threshold can be selcted by the user. I

> want to overlay the resulting contour of black/white image with the

> original image. Unfortunatly the returned contour is tiny and is not

> congruent with the original. How can I magnify the contour and fit it in

> the given frame?

> So far my code is looking like that:

>

```
> contour, contrast,path_xy=x,y,Path_info=pafo
```

>

```
> FOR I=0,(n_Elements(pafo)-1) DO BEGIN
```

```
>   s=[ indgen(pafo(I).N),0]
```

```
>   Ploats,xy(*,pafo(I).Offset + s),/Norm
```

```
> ENDFOR
```

>

> Regards, Ruth

---