


```

>>> wrong_matrix=array_indices(dimensionsi, cubo,/dimensions)
>>> idxw=reform(wrong_matrix(0,*))
>>> indyw=reform(wrong_matrix(1,*))
>>> ;ffp(idxw,indyw)=0.
>>> ;c = CONTOUR(ffp, dimensions=[512,512], Title='prova cubo')
>>>
>>> ; DATA being the data to be contoured
>>> level=9
>>> contour, smooth(ffp(250:1700, 250:1700),3), path_info=li,closed=1 , path_xy=lines,
/>path_data_coord, levels=[level], /path_double
>>> ; lix=lines(0,*)
>>> ; liy=lines(1,*)
>>> ; liyd=deriv(lix,liy)
>>> ;ind=where(abs(liyd) le 0.0001)
>>>
>>> if n_elements(li) ne 1 then message, 'not exactly 1 contour'
>>>
>>>
>>> cont_obj =obj_new('IDLanROI',lines)
>>> void= cont_obj.ComputeGeometry(centroid=center)
>>> ;fit_ellipse(
>>> print, center[0:1]
>>>
>>> end
>>
>> contour, smooth(ffp(250:1700, 250:1700),3), path_info=li,closed=1 , $
>> path_xy=lines, /path_data_coord, levels=[level], /path_double
>> contour, smooth(ffp(250:1700, 250:1700),3), levels=[level]
>> ; shows you there are more than 1 contour,
>> ; you need to identify the correct one
>> ; often the best is the longest
>> void=max(li.n,j)
>> line=[*,li[j].offset+lindgen(li[j].n)]
>> plot, line[0,*],line[1,*]
>> cont_obj =obj_new('IDLanROI',line)
>
> I don't know why but IDL says this message (it doesn't read the *):
>
> line=[*,li[j].offset+lindgen(li[j].n)]
>          ^
> % Syntax error.
>
; sorry, it should be
line=lines[*,li[j].offset+lindgen(li[j].n)]

```
