Subject: finding the center of gravity of an irregularly shaped roi within a 2d array
Posted by ian.j.ashpole on Mon, 03 Sep 2012 13:30:42 GMT

Hi all,

I have an array (e.g. fltarr[1133,751]) with a range of different flag values, and i want to find the center of gravity of irregularly shaped regions of interest within this array that consist of units sharing the same value. Units which make up a roi will all be connected.

e.g. i=where(array eq 1,ict)
Find center of gravity of i.

I want the result to be a location that makes sense within the parent array.

Is anybody able to help?

Thanks,
Ian