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Subject: SHARP and ROUND

Posted by [Gray](#) on Wed, 15 Dec 2010 19:28:10 GMT

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Hi all,

This is a question for you IDL DAOphot users out there. Does anyone have a routine to generate SHARPness and ROUNDness statistics when given an image and a list of centroids? I tried adapting the relevant part of FIND, but my numbers don't match those given by FIND.

Basically what I want to do is this. I'm performing image subtraction, running FIND on the difference images, and then I'd like to check the sources that I FIND in the difference image against the sharpness and roundness computed from the original image (since in the difference image those statistics are a lot less meaningful, if at all). However, the sources I FIND in the difference image will not necessarily be FOUND in the original image because they may be extremely faint, so I can't guarantee matches.

Thanks!

--Gray

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