
Subject: galaxy surface measurements

Posted by [mliu](#) on Tue, 12 Mar 1996 08:00:00 GMT

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Hello world,

I'm looking for IDL routines which will do elliptical isophote fitting - I am analyzing digital images of elliptical galaxies. The idea is for a given elliptical galaxy, to extract (elliptical) annuli and fit for the ellipticity, orientation, and/or centers as a function of semi-major axis. An extra bonus feature would allow for fitting of partial annuli (e.g. if the galaxy is truncated by the edge of the image or if there is something, e.g. a bright star, superimposed on the galaxy which you do not want to contaminate your fit).

I'd greatly appreciate any help on this. As I don't read this newsgroup regularly, please send me email (in addition to posting here for the benefit of everyone who is a regular).

Thanks in advance,

Michael Liu
Department of Astronomy
UC Berkeley
mliu@astro.berkeley.edu
