Subject: Completing a Gaussian Fit

Posted by rpertaub@gmail.com on Wed, 12 Dec 2007 22:02:44 GMT

Hello,
I have a problem I am not sure how to go about...more of a physics
question maybe than IDL, but does not hurt to ask...

I have an image of a spot. The spot can be assumed to be fairly
Gaussian, i.e bright in the middle and dissipating as radius
increases. All is good. Except say now I have only part of the spot.
(Say if radius is 30, I have only a spot of radius 5). How do I model
a Gaussian based on only this information and nothing else? I have no
idea the intensity at the std deviation point, or radius 15? Is it
possible? How does IDL do Gaussian fit?
Thanks,RP