
Subject: Re: PSF Energy inside circle

Posted by [pgrigis](#) on Thu, 31 Jul 2008 14:27:32 GMT

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Michael Aye wrote:

- > I tried your method, it works fine, thanks!
- > A side question:
- > For a 1D Gaussian, 68 % of events/energy/.. lies insides 1 sigma, how
- > is this number for a 2D Gaussian? I have a hard time to find
- > statistical tables for 2D Gaussians? And is it possible to get that

I think that the number is $1 - \exp(-1/2)$ or about 39.3 %.

Ciao,
Paolo

- > number analytically?
 - > Best regards,
 - > Michael
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