Subject: Re: PSF Energy inside circle
Posted by Kenneth P. Bowman on Fri, 25 Jul 2008 17:18:41 GMT
View Forum Message <> Reply to Message

In article
<808314ce-4419-478d-8593-bc94dd7f1789@p25g2000hsf.googlegroups.com>,
 Bob Crawford <Snowman42@gmail.com> wrote:

> Is there an advantage of using this method to determine d over using
> DIST?

DIST computes a different function.

```
!P.MULTI = [0, 2, 1]
x  = FINDGEN(51)
xx = REBIN(x, 51, 51)
yy = REBIN(REFORM(x, 1, 51), 51, 51)
d  = SQRT((xx - 25.0)^2 + (yy - 25.0)^2)
SURFACE, d
SURFACE, DIST(51)
```

The Euclidian distance is a circular cone. DIST computes an
array proportional to the frequency of each element.

Ken Bowman