Subject: extrapolation of surface
Posted by Alexander Rauscher on Wed, 01 Aug 2001 15:46:00 GMT
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hi everybody,

i have a function f(x,y) which is f(x,y) != 0 on a more or less circular
region which lies within an e.g. 128x128 array and 0 outside this region.
now i want to extrapolate this function (over a range of e.g 10 pixles)
into the region outside this circular region without the result being
influenced by all the f(x,y)=0.
sfit also takes into account where f(x,y)=0, which makes the fitted
surface fit(x,y) decrease towards the edge of my array which is not what i
want. (knowing from the shape of the original f(x,y) that it should
increase...)
anyone an idea what to do?

thanks a lot in advance