Subject: Convol with Kernel Dependency Of the Radius to the Middle
Posted by bente on Tue, 23 Oct 2001 14:18:43 GMT

Hi,

have again a nice Problem ;-)

I need a Convolution with a Kernel that depends on how far the Voxel
is away from the Middle Of the Array.

The Idee behind that is, that i have to simulate PET Pictures out of
MRI Datasets (im working my diploma in the Medical Imaging).

In the moment i have solved this Problem with convoluting on several
rings. But this isnï¿½t so smooth and i have to convolute the same
picture up to 10 times (with a duration of round about 1minute for
each (thanks to Jaco who made 1minute out of 45minutes i had before
;-).

So the question is, if someone has the listing of the convol routines
from IDL or any other idea???

I believe that if I try this alone i will result in many many FOR
loops.

with regards
    Kay