Subject: Discrete Laplacian
Posted by Thomas Gutzler on Mon, 25 Nov 2002 06:18:28 GMT
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Hi,

did somebody port the Matlab-function "DEL2()" to IDL or know where I can find a function that does the same ?

I need this part:
L = DEL2(U) when U is a matrix, is an discrete approximation of
0.25*del^2 u = (d^2u/dx^2 + d^2/dy^2)/4. The matrix L is the same size as U with each element equal to the difference between an element of U and the average of its four neighbors.

Thanks,
Thomas