
Subject: Re: Sum to Arrays

Posted by [mole](#) on Fri, 19 May 1995 07:00:00 GMT

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Fergus Gallagher (F.Gallagher@nerc.ac.uk) wrote:

: phrje@csv.warwick.ac.uk (Prof. Don McK Paul) wrote:

: >We wish to e.g. sum the columns of a 2d array and store the results in a

: >1d array. Is there any way to accomplish this without using FOR loops.

: >

: >Don

: The total function has an optional second argument, the dimension to sum

: over, e.g.,

: IDL> x = total(y,2)

OK.... here's a tougher one to vectorize...

I want CENTROIDS, FAST!!! I'm stuck with :

x = fltarr(m)

for i=0,n do x = TOTAL(y(*,i) * findgen(n+1))

any ideas???

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Aaron Birenboim | 1007 Pampas Dr. SE |
mole@netcom.com | Albuquerque, NM 87108 |
(505) 254-1749 | |
(505) 247-8371 (w) or birenboi@ataway.aptec.com |
