Subject: Re: row calculation in a 2D array
Posted by David Kastrup on Tue, 25 Aug 1998 07:00:00 GMT
View Forum Message <> Reply to Message

"Jonas" <jonas_2@hotmail.com> writes:

> Probably a damn simple one, but anyway:
>
> I want to perform the same operation on each sub-row in a 2D array.
> Say I want to calculate the mean of element 4-7 in each row of a 10x10
> array, and store the result in a 10 element-vector, where each element holds
> the mean from the respective row
>
> how is this done the smartest way, without using time-consuming loops?

mean = total(array[4:7,*],1)/4

--
David Kastrup Phone: +49-234-700-5570
Email: dak@neuroinformatik.ruhr-uni-bochum.de Fax: +49-234-709-4209
Institut fï¿½r Neuroinformatik, Universitï¿½tsstr. 150, 44780 Bochum, Germany