Subject: Re: Distance between two sets of datapoints
Posted by Maxwell Peck on Thu, 25 Mar 2010 19:38:49 GMT

Thanks Ken, I'll give it a shot. I had tried a similar loop (I
thought) but it seemed to be very slow that is why i was looking at
vectorising it similar to distance_measure.

Thanks
Max

On Mar 26, 6:04 am, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:
> In article <k-bowman-EEB2FB.09554725032...@news.tamu.edu>,
> "Kenneth P. Bowman" <k-bow...@null.edu> wrote:
>
>
>
>> FOR i = 0, nb-1 DO BEGIN
>>   d = SQRT((xb[i] - xa)^2 + (yb[i] - ya)^2)
>>   dist[0,i] = d
>> ENDFOR
>
> I just realized this could be simplified to
>
> FOR i = 0, nb-1 DO dist[0,i] = SQRT((xb[i] - xa)^2 + (yb[i] - ya)^2)
>
> which removes some unneeded memory access.
>
> Ken