Subject: Compute Euclidean distances Posted by lbusett@yahoo.it on Fri, 25 May 2007 07:46:41 GMT View Forum Message <> Reply to Message

Hi all,

I have the following problem: given an image of about 700000 pixels, i need to calculate the distance between each pixel and about 150 points of known coordinates. Actually, I'm actually using a simple for loop like that:

but the processing is quite slow (more than one minute on my PC), so i'd like to ask you if there is a way to increase the speed of the process.

Thanks in advance for the help,

Lorenzo Busetto

Subject: Re: Compute Euclidean distances
Posted by greg.addr on Tue, 29 May 2007 07:40:56 GMT
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Are you sure you want all those values? Do you use every one of them? It might be faster and more elegant to calculate them on demand.

many greetings, Greg