
Subject: Distance calculation

Posted by [q4668057](#) on Mon, 20 Nov 2000 08:00:00 GMT

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Geometry classes seem to be a long time ago...

Since a couple of days, I am trying to bring at least some logic in a very simply looking problem:

I want to calculate the distances of points on a 3D regular grid to a limited, 2D, planar area within the grid.

Mathbooks provide a bunge of solutions for the distance between a point and a surface or for shortest distances between two lines (all refering to basic vector algebra..), but none seems to be applicable to this simple buffer problem I'd like to solve...

As I want to code it in IDL, one of my hopes is, that somebody already solved this problem - or has heard of sombody who knows somebody who... - or simply that someone has a good idea for a not-too-good-mathematician.

Thanks,
Michael
