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Subject: Re: polar interpolation

Posted by [Thomas Gutzler](#) on Mon, 13 Jan 2003 02:33:17 GMT

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James Kuyper wrote:

> Thomas Gutzler wrote:

>

>> Good morning,

>>

>> I am looking for a function that can do a polar interpolation of a

>> [2,n]-array.

>> What I don't want is to convert polar coordinates to rect, interpolate,

>> and reconvert them to polar.

>

> If you have data that comes close to the pole, that's precisely what you

> should do.

define 'close' :)

I think the smallest distance to the pole will be 1/10 of the maximum distance which is between 300 and 1000.

I should write both functions, compare, and then decide again if I want to use the conversion-method. Just wanted to know `_if_` there is another way to do it.

Tom

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