
Subject: Sinc interpolation

Posted by [the_cacc](#) on Mon, 16 Jun 2003 13:40:10 GMT

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OK, I'm stuck. Can someone show me how to sinc interpolate? My code does not do it very well... at all.

Thanks.

PRO sinc_interpolate

; Sinc interpolation (1D).

n = 10

; Indices for which we have values.

ix = FINDGEN(n)

; The actual values.

y = findgen(n)

; Want value at this point.

x = 5.2

; Distances.

d = ABS(ix - x)

; Sinc.

s = SIN(d) / d

; Calculate value.

val = TOTAL(s * y)

print,'Sinc',val

print,'True',x

END

Subject: Re: Sinc interpolation

Posted by [the_cacc](#) on Mon, 23 Jun 2003 14:55:30 GMT

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Coo-ee, anyone there?

Subject: Re: Sinc interpolation

Posted by [Craig Markwardt](#) on Mon, 23 Jun 2003 15:27:38 GMT

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the_cacc@hotmail.com (trouble) writes:

> OK, I'm stuck. Can someone show me how to sinc interpolate? My code

> does not do it very well... at all.

[new post]

> Coo-ee, anyone there?

Since you appear to be using a pig call, I'm not sure I should respond. :-)

Have you checked/used other sinc interpolation codes on-line?
Example: Buie library function SINT().

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: sec : U Re: Sinc interpolation
Posted by [Andrew Cool](#) on Mon, 23 Jun 2003 23:16:26 GMT
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Craig Markwardt wrote:

>
> the_cacc@hotmail.com (trouble) writes:
>> OK, I'm stuck. Can someone show me how to sinc interpolate? My code
>> does not do it very well... at all.
> [new post]
>> Coo-ee, anyone there?
>
> Since you appear to be using a pig call, I'm not sure I should
> respond. :-)
>

Craig,

Pig call indeed!

Coo-ee is a time-honoured, traditional Australian bushman's call
for long distance communication.

Didn't you ever watch the 1960's Aussie TV show "Skippy the Bush
Kangaroo?"

Shame on you. Thanks to that show, every Aussie kid knew how to whistle
up
a helpful kangaroo using a gumleaf.

Andrew

Andrew D. Cool
Electromagnetics & Propagation Group
Intelligence, Surveillance & Reconnaissance Division
Defence Science & Technology Organisation
PO Box 1500, Edinburgh
South Australia 5111

Phone : 061 8 8259 5740 Fax : 061 8 8259 6673
Email : andrew.cool@dsto.defence.gov.au
