
Subject: Re: SMOOTH not smoothing...

Posted by [David Fanning](#) on Thu, 11 Apr 2013 13:57:52 GMT

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Matthew Argall writes:

> The SMOOTH function does not seem to be smoothing anything for me. Am I missing something?

>

> IDL> print, smooth(findgen(10), 3)

> 0.00000 1.00000 2.00000 3.00000 4.00000 5.00000 6.00000 7.00000
8.00000 9.00000

What do you think a boxcar smoothing algorithm is suppose to do?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni tue. ("Perhaps thou speakest truth.")

Subject: Re: SMOOTH not smoothing...

Posted by [dplatten](#) on Thu, 11 Apr 2013 14:15:57 GMT

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Hi Matthew,

You might find this to be a little more reassuring:

```
a = RANDOMU(5L, 10)
```

```
print, a
```

```
print, SMOOTH(a, 3)
```

Your original array was already perfectly smooth, so SMOOTH had no effect.

Regards,

David

Subject: Re: SMOOTH not smoothing...

Posted by [Matthew Argall](#) on Thu, 11 Apr 2013 14:20:59 GMT

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> What do you think a boxcar smoothing algorithm is suppose to do?

Ohhh... Hahaha. That is funny. I guess exactly what it is doing now :-p
