Subject: Advection routine?
Posted by wmconnolley on Thu, 09 Nov 2000 08:00:00 GMT
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Does anybody have an advection routine out there, so that I can
say

(x_new,y_new)=advect(u,v,x,y,timestep) ???

Otherwise I'll have to write one but *surely* someone has one... but
google couldn't find one for me.

-W.

--
W. M. Connolley | http://www.wmc.care4free.net
No, I haven't lost my job: NERC's newserver has become intolerable....
Posting, as ever, in a personal capacity.

Sent via Deja.com http://www.deja.com/
Before you buy.

Subject: Re: Advection routine?
Posted by andrew.cool on Mon, 08 Nov 2004 21:16:42 GMT
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wmc@bas.ac.uk wrote in message news:<418f3e8e@news.nwl.ac.uk>...
> Does anybody have an advection routine out there, so that I can track
> particles in a 3-d field (atmosphere, in fact?). I asked for something
> similar in 2000 and wrote my own (cr*ppy) one but I wonder if anyone
> has a decent code...
>
> -W.

Hi WIlliam,

Googling IDL advection returns a swag of hits, including :-

http://www.atm.ch.cam.ac.uk/acmsu/newsletter14/group_others. html
which advertises "The tracking of aged air using 3-D trajectories
(IDL code to do 3-D advection is available if anyone's interested)"

But apart from that, I need to make the observation of how small this
world is. This morning, whilst reading the weather page in the local
paper, the "Did you know" column described different types of fogs,
and there for the first time in my life, I saw the word "advection."

Now, 90 minutes later at work, the top posting in the Google IDL group also mentions "advection."

I'm sure David F. would have something to say about degrees of separation. I'll stick to spooky...

Andrew
DSTO, Adelaide, South Oz

Subject: Re: Advection routine?
Posted by David Fanning on Mon, 08 Nov 2004 23:15:12 GMT
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Andrew Cool writes:

> I'm sure David F. would have something to say about degrees of
> separation. I'll stick to spooky...

Let's just say, I am *certain* it is not an accident. :-)

Cheers,

David

--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http:/www.dfanning.com/
Phone: 970-221-0438, IDL Book Orders: 1-888-461-0155

Subject: Re: Advection routine?
Posted by wmconnolley on Wed, 10 Nov 2004 16:58:34 GMT
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Andrew Cool <andrew.cool@dsto.defence.gov.au> wrote:
> wmc@bas.ac.uk wrote in message news:<418f3e8e@news.nwl.ac.uk>...
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> (IDL code to do 3-D advection is available if anyone's interested)"

Thanks. And thats a group from Cambridge...

-W.

--
William M Connolley | wmc@bas.ac.uk | http://www.antarctica.ac.uk/met/wmc/
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself
I'm a .signature virus! copy me into your .signature file & help me spread!
