
Subject: Re: mandelbrot

Posted by [d.poreh](#) on Fri, 16 Apr 2010 13:44:24 GMT

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On Apr 15, 7:16 am, Paolo <pgri...@gmail.com> wrote:

> On Apr 15, 4:39 am, Dave Poreh <d.po...@gmail.com> wrote:

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>> On Apr 14, 8:20 am, Paolo <pgri...@gmail.com> wrote:

>

>>> On Apr 14, 7:49 am, a <oxfordenergyservi...@googlemail.com> wrote:

>

>>>> I was looking for a mandelbrot set generator for idl to show off idl

>>>> to someone

>

>>>> I found this http://rosettacode.org/wiki/Mandelbrot_set#IDLbutI

>>>> remember seeing a more efficient version (just a few lines) once.

>

>>>> anybody got a mandelbrot set generator in the fewest lines?

>

>>>> Russ

>

>>> This comes pretty close to a minimum set of commands:

>

>>> ;setup coordinates

>>> x=findgen(512)/511*4-2

>>> xx=x#(x*0+1)

>>> zz=complex(xx,transpose(xx))

>>> cc=zz

>

>>> ;compute set for n=100 iterations

>>> niter=100

>>> for i=0,niter-1 do zz=zz*zz+cc

>>> inside=where(abs(zz) LE 2,complement=outside)

>

>>> ;this just for display

>>> mand=xx*0

>>> mand[inside]=1

>>> tvscl,mand

>

>>> Ciao,

>>> Paolo

>

>> Any help with KOCH curve?

>

> what have you tried? how did it fail?
>
> Paolo

I just want to know how we could produce it (KOCH curve) in IDL.
Dave
