
Subject: Re: mandelbrot

Posted by [pgrigis](#) on Thu, 15 Apr 2010 14:16:45 GMT

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

> 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
