Subject: Re: Fractal in IDL!
Posted by pgrigis on Thu, 29 Oct 2009 14:00:15 GMT
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On Oct 28, 11:15 pm, sathya <sathya.s...@gmail.com> wrote:
> Hi,
>
> I am trying to create a fractal set in IDL. I know that a Mandelbrot
> set follows the below mentioned function,i.e.
>
> f(x) = x^2 - c
>
> where, x - is a complex number, c - constant
> and the range for x-axis is [-1.5, 1.5].
>
> In a similar way, can anyone gime me the function for anyother fractal
> or Koch snowflake. If I am not wrong, does it follow the given
> function?
>
> a =( 1/2 )+ ( i/SQRT(12) )

That doesn't make any sense.

To draw the snowflake, draw a triangle first.

Then on all sides "_____" of the triangle, replace the straight
line by a line with a triangle that sticks out in the middle "__/
__" .
Iterate ad infinitum.

Ciao,
Paolo

>
> Thanks,
> Sathya!