

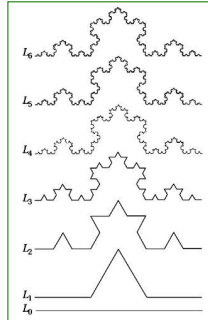
Snowflake Curve & Fractal Dimension

10-C

The fractal dimension of an object is defined as a number D such that

$$N = R^D$$

where N is the factor by which the number of elements increases when we shorten the ruler by a reduction factor R .



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Sierpinski Triangle Iterations

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Sierpinski Triangle Iterations

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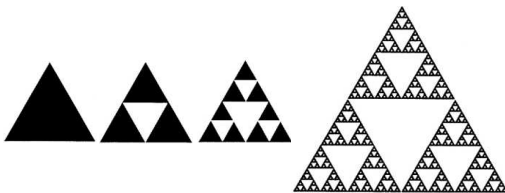


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Sierpinski Triangle Iterations

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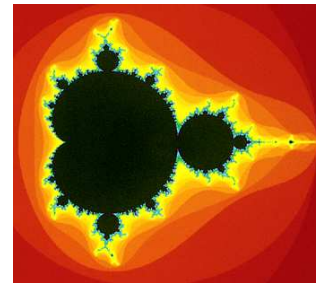


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The Mandelbrot Set

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Two Views of Barnsley's Fern

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A Fractal Landscape by Anne Burns

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