



Making Islamic Stars

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Resumo

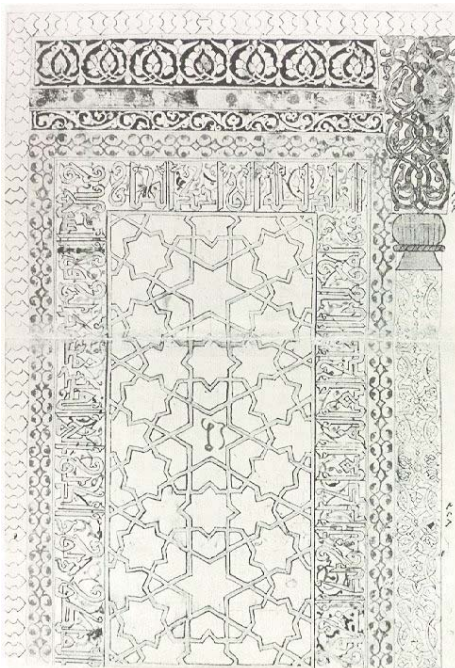
Preséntase o resultado de varios programas de computador que mostran un método simple de xeración de Estrelas Islámicas illadas. É dicir, facemos unha Estrela Islámica, pero cunha gran combinación de posibilidades. Como con case calquera método de xeración, presúmese que moitas das Estrelas Islámicas foron xeradas con este método.

Abstract

It's presented the product of several computer programs that shows an simple method of generation of Islamic Stars alone. It's say, we make only one Islamic Star, but with a great combination of possibilities. How with almost any method of generation it's presumed that many of the islamic stars were generated with this method.

The most striking characteristic of Islamic geometrical patterns is the prominence of star and rosette shapes. Such shapes with five, six, eight, ten, twelve and sixteen rays are the ones that occur most frequently, but patterns containing other number, particularly in multiples of eight up to ninety six, can be found. (Abbas)

There are several known methods of generation of Islamic Stars like the *The Topkapi Scroll*:



Description

The Topkapi Scroll, discovered, in 1986 at Istanbul's Topkapi Palace Museum Library, is a rare and most valuable resource on Islamic Patterns. It is a pattern book from the workshop of a master builder who worked in Persia during the late 15th or 16th century and contains 114 drawings. It is the earliest manuscript of its kind to have been found intact.

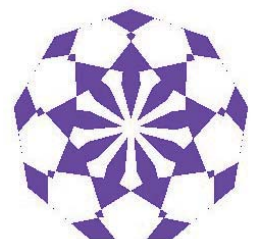
Nos Pasatempos do número oito de *Gamma* explicouse un método de xeración de Estrelas Islámicas, o método de Dewdney.

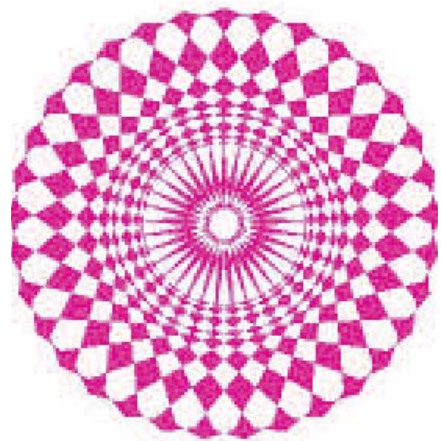
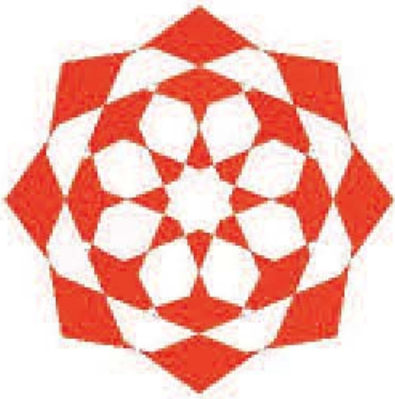
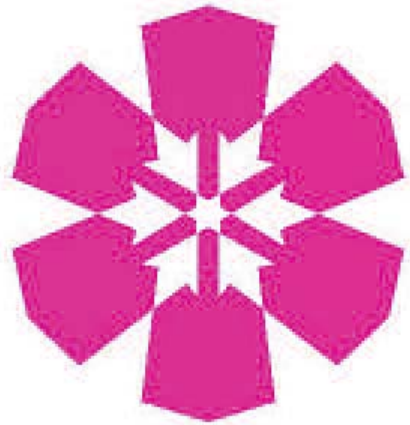
Con todo, os métodos de máis éxito son os que se recollen no libro *Generated Islamic Star Patterns* de Graig Kaplan e que, á súa vez, aplica no seu programa *Taprats* feito para construír novos deseños de tipo estrelado seguindo as técnicas do mundo islámico. O programa citado é posible atopalo na Internet.

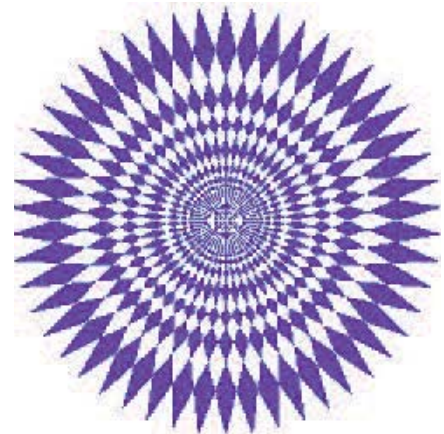
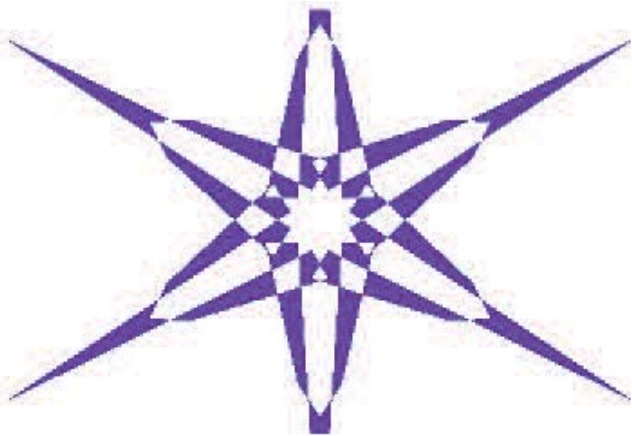
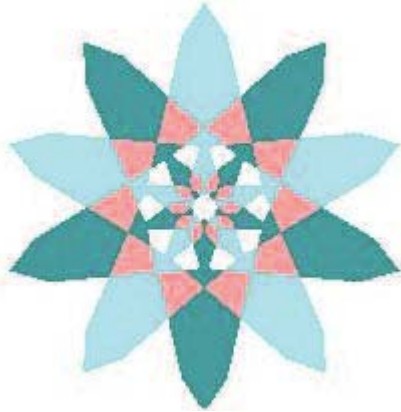
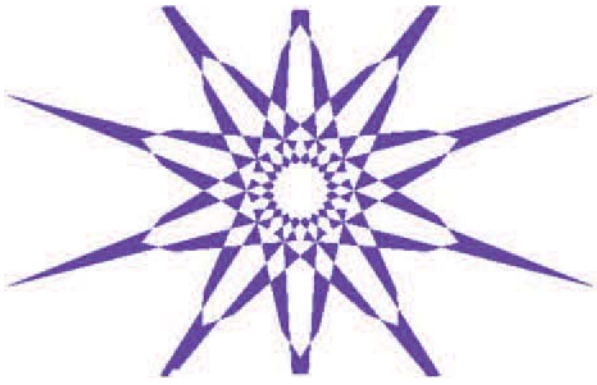
Agora propono un reto xa que presento, en forma de problema, un novo método de xeración de Estrelas Islámicas, o meu propio método.

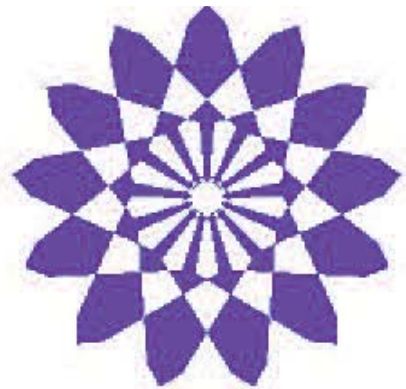
A continuación pódense observar varias das imaxes de ordenador xeradas con programas que creí aplicando regras ideadas por min, e que son as que vos emprazo a recrear.

-Di, explica, que método de xeración de Estrelas Islámicas fai posible xerar todas as imaxes aquí presentadas?









Animádesvos?

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