
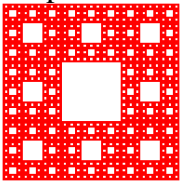
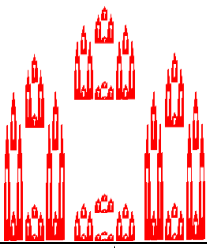






## Fractals codes & Countries

Fractal	Code	Symbol & Country																								
	$T_1 \begin{cases} x' = \frac{1}{2}x \\ y' = \frac{3}{10}y \end{cases} \quad T_2 \begin{cases} x' = \frac{1}{2}x + \frac{1}{2} \\ y' = \frac{3}{10}y \end{cases} \quad T_3 \begin{cases} x' = \frac{1}{2}x + \frac{1}{4} \\ y' = \frac{7}{10}y + \frac{3}{10} \end{cases}$	Tour Eiffel France																								
<p>Carpet of Sierpinski</p> 	$T_1: \begin{cases} x' = 1/3x \\ y' = 1/3y \end{cases} \quad T_2: \begin{cases} x' = 1/3x \\ y' = 1/3y + 1/3 \end{cases}$ $T_3: \begin{cases} x' = 1/3x + 1/3 \\ y' = 1/3y \end{cases} \quad T_4: \begin{cases} x' = 1/3x + 1/3 \\ y' = 1/3y + 1/3 \end{cases}$ $T_5: \begin{cases} x' = 1/3x + 2/3 \\ y' = 1/3y \end{cases} \quad T_6: \begin{cases} x' = 1/3x + 2/3 \\ y' = 1/3y + 1/3 \end{cases}$ $T_7: \begin{cases} x' = 1/3x + 2/3 \\ y' = 1/3y + 2/3 \end{cases} \quad T_8: \begin{cases} x' = 1/3x + 2/3 \\ y' = 1/3y + 2/3 \end{cases}$	Persian Carpet Turkmenistan																								
<p>Cathedral of Barnsley</p> 	$T_1 = \begin{cases} x' = \frac{1}{3}x \\ y' = \frac{4}{5}y \end{cases} \quad T_2 = \begin{cases} x' = \frac{1}{3}x + \frac{2}{3} \\ y' = \frac{4}{5}y \end{cases}$ $T_3 = \begin{cases} x' = \frac{1}{3}x + \frac{1}{3} \\ y' = \frac{1}{5}y \end{cases} \quad T_4 = \begin{cases} x' = \frac{1}{3}x + \frac{1}{3} \\ y' = \frac{23}{50}y + \frac{4}{5} \end{cases}$	Dome in Milan Italy																								
	$\begin{bmatrix} 0.33 & 0 & 0 & 0.71 & 0 & 0 \\ 0.33 & 0 & 0 & 0.71 & 0.6 & 0 \\ 0.33 & 0 & 0 & 0.28 & 0.28 & 0 \\ 0.33 & 0 & 0 & 0.46 & 0.33 & 0.71 \end{bmatrix}$	Temple Myanmar																								
	$\begin{bmatrix} 0.25 & 0 & 0 & 0.25 & 0 & 0.50 \\ 0.72 & -0.61 & 0.61 & 0.72 & 0.41 & -0.19 \end{bmatrix}$	Bush in landscape																								
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0.797881</td> <td style="text-align: center;">0.000000</td> <td style="text-align: center;">0.000000</td> <td style="text-align: center;">0.833333</td> <td style="text-align: center;">0.097828</td> <td style="text-align: center;">0.168721</td> </tr> <tr> <td style="text-align: center;">-0.131628</td> <td style="text-align: center;">-0.366787</td> <td style="text-align: center;">0.399144</td> <td style="text-align: center;">-0.140643</td> <td style="text-align: center;">0.500098</td> <td style="text-align: center;">0.180655</td> </tr> <tr> <td style="text-align: center;">0.099649</td> <td style="text-align: center;">0.403824</td> <td style="text-align: center;">0.408196</td> <td style="text-align: center;">-0.100330</td> <td style="text-align: center;">0.364628</td> <td style="text-align: center;">0.157770</td> </tr> <tr> <td style="text-align: center;">0.049180</td> <td style="text-align: center;">0.000000</td> <td style="text-align: center;">0.000000</td> <td style="text-align: center;">0.333333</td> <td style="text-align: center;">0.398795</td> <td style="text-align: center;">0.009695</td> </tr> </table>	0.797881	0.000000	0.000000	0.833333	0.097828	0.168721	-0.131628	-0.366787	0.399144	-0.140643	0.500098	0.180655	0.099649	0.403824	0.408196	-0.100330	0.364628	0.157770	0.049180	0.000000	0.000000	0.333333	0.398795	0.009695	Pine Tree
0.797881	0.000000	0.000000	0.833333	0.097828	0.168721																					
-0.131628	-0.366787	0.399144	-0.140643	0.500098	0.180655																					
0.099649	0.403824	0.408196	-0.100330	0.364628	0.157770																					
0.049180	0.000000	0.000000	0.333333	0.398795	0.009695																					
	$\begin{bmatrix} 0.25 & 0 & 0 & 0.25 & 0 & 0.50 \\ 0.82 & -0.47 & 0.47 & 0.82 & 0.30 & -0.17 \end{bmatrix}$	Spiral																								