Figure 3 - Series of zooms (magnifications) deeper and deeper into the bifurcation diagram demonstrating that the deeper one penetrates into the diagram, that is, the more decimal places the 'r' values are calculated to, the more detail is revealed. This is known as self-similarity, or as a fractal structure.

1 Full Bifurcation Diagram

Box in 1 stretched and enlarged in 2

2 Window opens on magnification

Box in 2 stretched and enlarged in 3

3 Window opens on magnification

Box in 3 stretched and enlarged in 4

4

Box in 4 stretched and enlarged here