

# Review of: "Archetypal Resonances Between Realms: The Fractal Interplay of Chaos and Order"

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The connection of chaotic orbits with fractal cascading is interesting for the exploration of the laws as well as the order of the chaotic system. It is now a well-established fact that self-organized structures are formed at transitional and chaotic regimes. In some physical systems, chaotic attractors attain multiple scaling factors and show a scale invariance property. The ideas of multifractals and global spectrum analysis for quantifying non-homogeneous chaotic attractors are revealed in the book of G C Layek, An Introduction to Dynamical Systems and Chaos, Springer, Singapore, 2nd Ed. 2024. This review article shows many organized mathematical fractal structures. However, it did not explore in the case of physical processes.