

# Download Renormalization Methods Critical Phenomena Chaos Fractal Structures

Emergent structures can be found in many natural phenomena, from the physical to the biological domain. For example, the shape of weather phenomena such as hurricanes are emergent structures. Undergraduate level textbooks. Maurice F. Aburdene, Computer Simulation of Dynamical Systems, Wm. C. Brown (1988). Mostly non-physics. G. L. Baker and J. P. Gollub ...Ilya Prigogine [Prigogine84, 97] has put forward that dissipative structures do not obey Boltzmann's order principle, because a dissipative structure is not in equilibrium. Haag, Rudolf @ K Fredenhagen. w D Kastler "An algebraic approach to quantum field theory" JMP 5 (1964) 848-861 [qft-algebraic]. "Observables and fields" in Deser, Grisaru & Pendleton 71, 1-89 [obs].