
MANUEL A. BÁEZ, Carleton University

Pattern Resonance: The Morphology of the Amorphous

The exhibition and lecture will presents the work and research produced through an on-going architectural project entitled The Phenomenological Garden. The project seeks to investigate the morphological and integrative versatility of fundamental processes that exist throughout Nature. Works by Manuel A. Báez will be exhibited as well as those produced by students in workshops incorporating educational methods and procedures derived from this research. This evolving project is a systematic investigation of the versatile and generative potential of the complex processes found throughout systems in Nature, biology, mathematics and music. As part of the De-Formation Studies Unit at the Azrieli School of Architecture and Urbanism at Carleton University, the work seeks to investigate how complex structures and forms are generated from initially random processes that evolve into morphologically rich integrated relationships. The morphological diversity revealed by this working and teaching method offers new insights into the complexity lurking within nature's processes as revealed by such modern theories of Chaos, Complexity and Emergence. The implications of these developments are relevant to the study of morphology, architecture and other disciplines at a time when the ideas emerging out of our deeper understanding of complex phenomena are being embraced for conceptual inspiration.