The Digital Interface and Hyper Reality:  
Confronting a new Experimental Architecture 

Dr. Khaled Dewidar  
Professor of Architecture. Ain Shams University  
Cairo – Egypt. 

Introduction 

Amidst the turmoil of globalization, it is necessary to construct a new idea for anachronistic architecture, by exploring the borders between material and Cyber-worlds. New forms would be generated, that are composed algorithmically. In the mid nineties, Marcos Novak, a pioneer digital architect and a traveler through alien architectural terrains, coined a new architectural term: “Trans-Architecture”. In short, we can conserve algorithmically, we model numerically; we build robotically (new tectonics); we inhabit interactively (intelligent spaces); we inform immersively (liquid architecture) and we avert virtually (trans-architecture). Our digitized architectural palette produces new architectural forms that are characterized by generative complexities and fluidity. Architecture has an ambivalent relation with information technology; this ambivalence is the result of the increasing domination of technology on all spheres of everyday life. This heralds the end of modernity. 

Key Words 

Fluidity, Digital, Trans-architecture, virtual, hyper-surface, liquid architecture. 