

TRANSFORMATIONAL PROCEDURE FOR DESIGN OF NEW URBAN STRUCTURE¹

Wolf Pearlman, Ph.D. Faculty of Architecture and Town Planning, Israel Institute of Technology, Haifa 3200, Israel

Presentation of alternative urban design strategy opposed to the ascendant consensus as represented by the ubiquitous semiotic of 'post modern' determinism.

Research indicates that creativity cannot be optimised, simply, through construction of a heuristic fiction as model; and the transposition of the characteristics of a metaphor to reality itself. Experiment reveals that realisation of urban concepts, intended for the real world, is more complex, indeed, a cybernetic process.

Accordingly, in addition to possessing conceptual skill for deploying metaphor as model; designer's must also develop cognitive skill in order to understand space syntax, the prerequisite, for construction of an algorithmic fiction as abstract topology, for a given content.

Henceforth the design agenda is no longer constrained to choose either syntactic or semantic approaches to problem solving but is free to adopt a morphological model designed to contend with uncertainty and the vagaries of time: comprehending the two reciprocal intentions in architecture, namely: creation of design image and reality of use.

(1) Award Winning Competition- Project Israel 1982. A Case Study - three residential neighbourhoods and town centre for Katzrin