Cosmology as a Source of Sustainable Design Ideologies

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Abstract

"Ideology" is "visionary theorizing." Alternatively, it is "a systematic body of concepts especially about human life or culture," or "a manner or the content of thinking characteristic of an individual, group, or culture."

Human beings think in concepts. The term concept describes any set of closely related ideas that we group together under a single word or image. Concepts allow us to create categories and make distinctions among things. However, if our role model, real or imagined early life experiences, or as a trauma reinforce distorted notions, some of our early incomplete or flawed rules and concepts may remain fixed as we grow older. Without concerted effort to evaluate whether, on hindsight, our early theories were accurate, and without the capacity to honestly examine how they affect our lives today as adults, rules and concepts can harden in our minds. We become slaves to our concepts and fail to realize that they are not real, but are merely ideas and constructs we established in our heads to make sense of the world. If we aren’t careful, we begin to create our own reality and constantly reaffirm the myths and images we already hold. This is how mental frames are formed that produce inflexible, myopic climate-damaging thinking and behaviour. Mental frames are the deeply felt beliefs, assumptions and stories we hold in our minds about the nature of other people, how the world works and our role in it all. Mental frames have three interlinked elements: core beliefs, core assumptions and automatic thoughts. Core beliefs are the deepest level of cognition. They are the unconditional views we hold about the world around us, including the physical environments, other humans and ourselves.

The problems that happened with the transformation to modernity had caused that most cities had eventually lost identity and character. To overcome these problems and the defects that were caused with the use of Computers that had brought change to architecture and urbanism to be a part of revolutionary social upheaval-for that we are going to deal with generative systems in the universe that had become a source of inspiration for a number of architects.

The aim of this paper is to investigate sustainable design ideologies, as well as introducing a new vision for developing design process by getting cosmic rules and actions to be our source of inspiration, and insure that is one of main sources of getting sustainable sustainability.

Egypt - BUE The British University in Egypt - 2010, January