

The Shape and The Environment

Building Behavior Against Climatic Environment from the light of action and Reaction Theory

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This research is coming as a completion to the to the previous researcher potential on the field of measuring thermal efficiency evaluation for building shapes, according to climatic thermal environment, in order to reach optimal thermal building shape

The principal of optimal Thermal Shape pointed up that it is an attempt to have an equivalent force effect on building envelope, in order to minimize the needed .energy to restore the shape and the distinctive properties

The ideal shape towered climatic effects is a result of three stages

.Action effect stage ... (The measure of building thermal load)

.Adaptation stage ...The formulation of the relation between thermal load (The action) and the building shape (The reaction)

.Reaction stage(The formulation of the shape)

The research use as a base of this study the work of (Markus T.A.) and (Knowles R.) and as a result, the research reach a new concept to thermal optimal shape call it (THERMAL HEMISPHERE).