**Problem:**

Analyze the dynamic properties concrete, steel, and newly formed building materials (mushroom, fiber composites) with variable sizes to control fluctuations in the demand for heating and cooling.

**Parameters:**

* Climactic Data (Hot Arid Climate Region USA)
* Material Conductivity, Absorptivity, and Emissivity (Thermal Mass + R-Value)
* Geometric Data (sizing, thickness, orientation, layering of material massings, depth of air space between layers, and how the assembly scales)

**Output:**

Design alternatives in the use of alternative material for envelopes that are able to minimize the need for heating and cooling