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1. Mahoney Tables plus a tool for sketch design recommendations for a building ........................................ 1
Mahoney Tables plus a tool for sketch design recommendations for a building

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Abstract: The objective of this thesis is to develop a computer program to support the Mahoney Tables. The 'Mahoney Tables' is a program that takes into consideration the climatic data of a place and helps in calculating certain design characteristics of a building to save energy. The various climatological data inputs have to be found from the meteorological station data of that place and these need to be logically worked with to arrive at corresponding parameters, which then define the recommendation for a building in the place. The program also has the capability to extract the climatic data of a place from the internet and give recommendations based on that data. In the second part, I have compared the recommendations Mahoney gives for places in Hot and humid climates, to the vernacular houses existing that regions and have studied the reasons for design discrepancies.

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