

Abstract Submitted
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Using Matlab to Model Heat Loss Through A House WILLIAM MALLORY¹, JULIE TALBOT, University of West Georgia — While the heat conduction process is fairly simply and well-understood, it is tedious and cumbersome to calculate the heat loss through a number of different areas and materials. We have developed a Matlab program that can quickly calculate the heat loss through a large number of different objects and materials. This allows for easy comparison of different sizes, shapes, and materials for a building. We will compare the actual heat loss through a house to the theoretical values given by the Matlab program.

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