

Iheonu, E.E. and **Opoko, A.P. (2003):** Heat Transfer Modeling of Elements of Building in the tropics. *Journal of the Nigerian Association of Mathematical Physics*; vol. 7.

**Abstract**

This paper is based on a mathematical modelling of heat transfer in residential building constructed using alternative building materials. The building designs including specifications were prepared to incorporate use of innovative building materials like the cement stabilised bricks and fibre reinforced concrete roofing tiles. Using the model it is possible to calculate the value of heat transferred by various building elements in the topics.