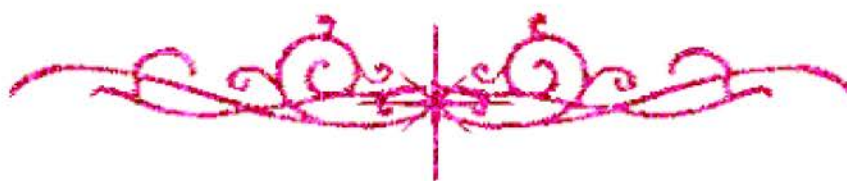


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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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**THERMAL COMFORT PREDICITON AND ASSESSMENT
IN VENTILATED ARCHAEOLOGICAL TOMBS,
KINGS VALLEY, LUXOR**

By

Eng. Hussein Magdy Mahmoud Ezz Eldin

**A Thesis Submitted to the Faculty of
Engineering at Cairo University in Partial
Fulfilment of the Requirements for the
Degree of MASTER OF SCIENCE**

In

MECHANICAL POWER ENGINEERING

**FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations

$$\frac{dx}{dt} = f(x, y, z),$$

$$\frac{dy}{dt} = g(x, y, z),$$

$$\frac{dz}{dt} = h(x, y, z),$$

$$x(0) = x_0,$$

$$y(0) = y_0,$$

$$z(0) = z_0,$$

$$x(1) = x_1,$$

$$y(1) = y_1,$$

$$z(1) = z_1.$$

$$x(2) = x_2,$$

$$y(2) = y_2,$$

$$z(2) = z_2.$$

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