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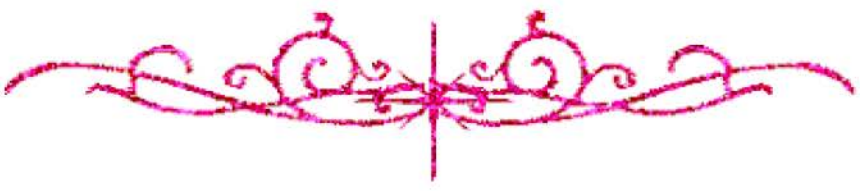

بالرسالة صفحات لم ترد بالأصل

ESTIMATING MATERIAL WASTE IN THE BUILDING CONSTRUCTION INDUSTRY USING ARTIFICIAL INTELLIGENCE

by

Gihan Loutfy Kamel Garas

A Thesis Submitted To The
Faculty of Engineering at Cairo University
In Partial Fulfillment of the
Requirements for the Degree of
DOCTOR OF PHILOSOPHY
In

CIVIL ENGINEERING (Structures)

Faculty of Engineering
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