

NUMERICAL INVESTIGATION FOR THE FACTORS AFFECTING FILM COOLING EFFECTIVENESS ON A GAS TURBINE BLADE

By

Yasser Samir Bayoumi Abd El Latif

A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirement for the Degree of

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in
MECHANICAL POWER ENGINEERING

FACULTY OF ENGINEERING, CAIRO UNIVERSITY

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Under Supervision of

Prof. Dr. Essam E. Khalil Hassan Khalil

Mechanical Power Engineering Department
Faculty of Engineering
Cairo University

Dr. Gamal Abd El-moniem El Hariry

Mechanical Power Engineering Department
Faculty of Engineering
Cairo University

Dr. Taher Mohamed Abou-Deif

Mechanical Power Engineering Department
Faculty of Engineering
Cairo University

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Approved by the Examining Committee

Prof. Dr. Essam E. Khalil

Professor of Mechanical Power Engineering, Cairo University

**Thesis Advisor
and Member**

Prof. Dr. Sayed Ahmed Kaseb

Head of Mechanical Power Engineering Department, Cairo
University

Member

Prof. Dr. Mohammed Fayeq Abd-Rabbo

Professor of Mechanical Power Engineering, Shubra-Benha
University

Member

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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