

صفاء أبو السعود محمد



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



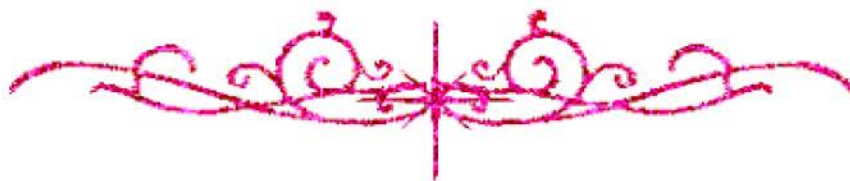
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شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



صفاء أبو السعود محمد



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



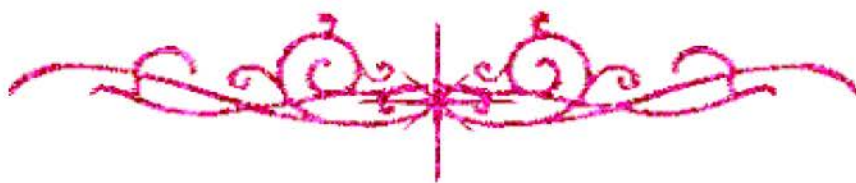
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بعض الوثائق الأصلية تالفة



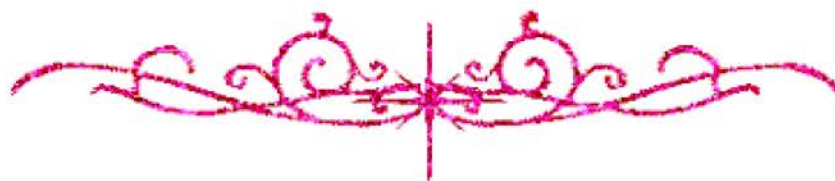
صفاء أبو السعود محمد



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل



620,0042

Mansoura University
Faculty of Engineering
Production Engineering & Mechanical
Design Department



DATABASE FOR OPTIMAL SELECTION OF CUTTING CONDITIONS, FORCES AND POWER CONSUMPTION IN MACHINING PROCESSES

By

Eng. Fatma Abd-Allah Mohamed Elerian

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A Thesis

Submitted in Partial Fulfillment for the Degree of Master of science In
Production Engineering

Supervisors

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Assoc. Prof. Dr Elamir Samy Gadelmawla

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Mansoura, Egypt

2007

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا

مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ

الْحَكِيمُ﴾

اللَّهُ
الْعَظِيمُ

SUPERVISORS

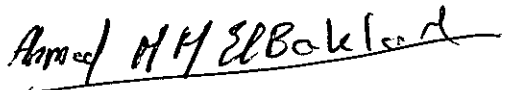
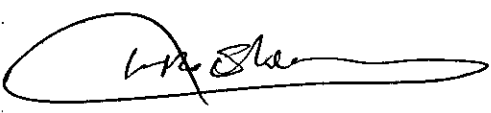
Researcher Name: Fatma Abd-Allah Mohamed Elerian

Thesis Title: Database for optimal selection of cutting conditions, forces and power consumption in machining processes

Supervision Committee:

	Name	Position
1.	Prof. Ahmed Moustafa El Bahloul	Head of Prod. Eng. And Mech. Design Dept, Faculty of engineering, Mansoura, Egypt.
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3.	Assoc. Prof. Elamir Samy Gad Elmawla	Associate Prof. of Production Engineering and mechanical design dept., Faculty of Engineering, Mansoura University, Egypt.

Signatures:

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3.	Assoc. Prof. Elamir Samy Gadelmawla	

10/10/1970

Researcher Name: Ezzat Abd-Allah Mohamed Hassan

Research Title: Factors affecting the condition of cutting
condition, tool and power consumption in
machining process

Supervision Committee

Signature

EXAMINATION COMMITTEE

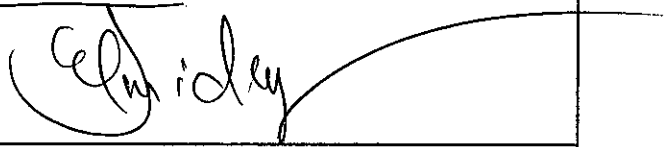
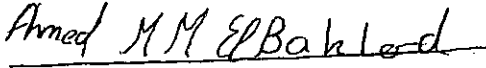
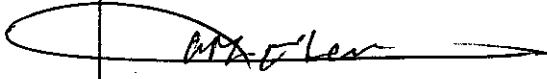
Researcher Name: Fatma Abd-Allah Mohamed Elerian

Thesis Title: Database for optimal selection of cutting conditions, forces and power consumption in machining processes

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3.	<i>Prof. Ahmed Moustafa El Bahloul</i>	Head of Prod. Eng. And Mech. Design Dept, Faculty of engineering, Mansoura, Egypt.
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2.	<i>Prof. Tawfik Tawfik El-Midany</i>	
3.	<i>Prof. Ahmed Moustafa El Bahloul</i>	
4.	<i>Prof. Ibrahim Mohamad Elewa</i>	

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1	Prof Abdel Aziz Ibrahim Selwa

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3	El Barhoui Prof Ahmed Mohamed	Engineering, Mohammed Elwan Head of Prof Eng. and Mech. Design Dept, Faculty of
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	Name	Position

Examination Committee:

describing processes
conditions, forces and power consumption in
Thesis Title: Database for optimal selection of cutting

Researcher Name: Fatma Abd-Elhadi Mohammed Elwan

EXAMINATION COMMITTEE

ACKNOWLEDGMENTS

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