# بسم الله الرحمن الرحيم

MONA MAGHRABY

# شبكة المعلومات الجامعية

# التوثيق الالكتروني والميكروفيلم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

# جامعة عين شمس

# التوثيق الإلكتروني والميكروفيلم

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تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

***MONA MAGHRABY***

# MICRO WIND TURBINE MATRIX: DESIGN AND IMPLEMENTATION

BY

**Abdallah Khaled Ebrahim Mohamed**

A Thesis Submitted to the
Faculty of Engineering at Cairo University
In partial Fulfillment of the Requirements for the Degree of

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**in**
**Aerospace Engineering**

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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**Title Of Thesis:**
Micro Wind Turbine Matrix: Design And Implementation

**Key Words:**

Wind Turbine, Microwind Turbine, Series Connection,

**Summary:**

The thesis objective is to design and build micro wind-turbine matrix capable of working at low speeds and producing enough electric energy for lighting applications. The wind-turbine matrix is very low cost as it uses recycled pc-fans.

# Disclaimer

I hereby declare that this thesis is my own original work and that no part of it has been submitted for a degree qualification at any other university or institute.

I further declare that I have appropriately acknowledged all sources used and have cited them in the references` section.

Name: Date……/…..../……..

Signature:

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# Table of Contents


List of Tables ..... V
List of Figures ..... VI
Nomenclature ..... IX
Abbreviation ..... XI
Abstract ..... XII
**Chapter 1: Introduction** ..... 1
1.1 wind Turbine History ..... 1
1.2 Types of Wind Turbine ..... 4
1.2.1 Horizontal Axis Wind Turbine ..... 4
1.2.2 Vertical Axis Wind Turbine ..... 5
1.2.3 Darrieus Wind Turbine ..... 6
1.2.4 Giromill ..... 7
1.2.5 Savonius ..... 7
1.2.6 Twisted Savonius ..... 8
1.3 Wind Atlas For Egypt ..... 9
1.4 Application and places For MWT's ..... 12
1.5 Objectives ..... 16
**Chapter 2: Literature Review** ..... 17
2.1 Introductions ..... 17
2.2 Horizontal Axis Micro Wind Turbines ..... 17
**Chapter 3: Mathematical Model for Wind Turbine** ..... 21
3.1 Introduction ..... 21
3.2 Choosing the size of the rotor ..... 21
3.3 Blade element momentum theory ..... 23
3.4 Comparison between Experimental and mathematical results ..... 28
3.5 The electric circuit of the system in one fan and one hundred fans ..... 32
3.5.1 One fan circuit ..... 32
3.5.2 Multi-fan connection ..... 32
**Chapter 4: Experimental Work** ..... 34
4.1 Introduction ..... 34
4.2 The components of the fan system ..... 34
4.2.1 The original Components of the Fan System ..... 34
4.2.2 The Additives Components of the Fan System ..... 35
4.3 Setting Fans as a Wind Turbine ..... 35
4.3.1 Modifying the Connection of the generator wire ..... 36
4.3.2 The Reason for connecting the two wires inside the Generator 38
4.3.3 The Final shape of the Project ..... 39
4.4 First Results after Modification ..... 40

4.4.1 The Power Value of each Micro Turbine ……..……... 40
4.4.2 The Power Value of Micro Turbines connected in series …… 41
4.4.3 Comparing the Power to Number of Fans …….**.....** 42
4.4.4 The Acceptable Result to Build the Project …… 43
4.5 The Feasibility of the Project …… 44
4.5.1 The Direct Application on the Project ……. 44
4.5.2 The indirect application on the project ……. 47
4.5.3 Micro Wind Turbine Project ……**..** 48
4.6 Summary …… …… 49
**Chapter 5: Designing the Fan Turbine Matrix Holder Mechanism** …… 50
5.1 Introduction …… 50
5.2 Loads over the wind turbine structure …… 51
5.2.1 Dead load of the turbines (The Weight of Turbines) …… 51
5.2.2 Surviving load over the turbines …….. 51
5.3 Designing the structure using SAP 2000 ……..…… 51
5.3.1 Assuming cross section areas …… 51
5.3.2 Loads and reactions …… 52
5.3.3 Deflections due to stresses …… 53
5.4 Summary …… 56
**Chapter 6 Conclusion and Recommendation for future work** …….. 57
6.1 Conclusions …… 57
6.2 Recommendations for future work …… 57
**Appendix A** …… 58
**References** …… 60

# List of Tables

Table (1.1) wind observations at the meteorological stations ……..…… 10
Table (1.2) comparison between small wind turbines and large wind turbines …… 11
Table (3.1) comparison between experimental and maximum theoretical RPM at certain air speed …… 28
Table (3.2) experimental power and power coefficient of different types of the micro Turbine …….. 30
Table (3.3) electric power and power coefficient change with air speed ……..…….. 31
Table (4.1) determined power of each turbine individually ……..….. 41
Table (4.2) determined power of turbines connected in series …… 41
Table (4.3) the relation between number of turbines and power ……..……...……. 42

# List of Figures


Figure (1.1) Heron's Wind wheel ……..…… 1

Figure (1.2) Panemone windmill ……..…… 1

Figure (1.3) James Blyth's wind turbine ……..…… 3

Figure (1.4) Wind turbine 1887 Charles Brush ……..…… 3

Figure (1.5) Horizontal-axis wind turbines …… 4

Figure (1.6) Vertical-axis wind turbines …… 5

Figure (1.7) Darrieus wind turbine ……..…… 6

Figure (1.8) Giromill ……..…… 7

Figure (1.9)Savonius wind turbine ……..…… 7

Figure (1.10)Twisted Savonius ……..…… 8

Figure (1.11)stations of analyzing over Egypt …… 9

Fig (1.12) the relation between cut-in speed and wind turbine diameter ……... 12

Figure (1.13) towns in Italy uses wind turbines over buildings, Casauria October 4, 2010 ……..…… 12

Figure (1.14) one hundred watt small wind turbine over Shau KeiWan Government Secondary School building roof ……..…… 13

Figure (1.15) assembly of forty small turbines ,Hong Kong ……..……. 13

Figure (1.16) positioned on the roof of Intel's head office Building Robert Noyce in California, the company is installing a total of fifty eight small turbines ……..….... 14

Figure (1.17) 400w off grid high speed road CCTV power source horizontal small wind turbine …….. 14

Figure (1.18)single wind turbine will produce 9,600KwH of energy …… 15

Figure (1.19)tiny turbines in Hunan province, China/ Lloyd Alter ……... 16

Figure (2.1) the view of MWT with a 230 mm diameter …….. 17

Figure (2.2) MW Energy Portable Turbine …….. 19

Figure (2.3) piezoelectric wind turbine ……. 19

Figure (2.4) the manufactured blades and the wind tunnel …… 20

Figure (3.1) 80 X 80 mm cooler fan …….. 22

Figure (3.2) $120 \times 120\ mm$ cooler fan ……..…… 22

Figure (3.3) Blade element momentum theory in flow chart form ……. 27

Figure (3.4) the relation TSR and power coefficient in Matlab …….. 28

Figure (3.5) comparison between experimental and maximum theoretical RPM at certain air speed 29

Figure (3.6) power coefficient of different types of the micro turbine …… 30

Figure (3.7) power coefficient change with air speed …… 31

Figure (3.8) the circuit of one fan turbine …….. 32

Figure (3.9) the complete circuit of one hundred fan turbine connection …….. 32

Figure (3.10) The electrical system of MWT ……. 33

Figure (4.1) the generator core with different sizes …… 34

Figure (4.2) the view of the fastener disk ……... 35

Figure (4.3) setting the turbines on the small wind tunnel …….. 36

Figure (4.4) the generator wire connected to the control board ……. 36

Figure (4.5) after modifying the connection of wires ……. 37

Figure (4.6) leds used to show the electric produced from one micro turbine ……... 38

Figure (4.7) connecting one wire inside the generator …….. 38

Figure (4.8) connecting the two wire each with separated rectifier ……... 39

Figure (4.9) connecting the two wires inside the generator by one rectifier …….. 39

Figure (4.10) The 100 micro turbines before connecting them together ……. 40

Figure (4.11) The power determined with two air speeds …… 42

Figure (4.12) The relation between number of turbine and power ……. 43

Figure (4.13) with 4 m/s air speed of small win tunnel ……. 43

Figure (4.14) with 7.5 m/s air speed of small win tunnel …… 44

Figure (4.15) the MWT's in laboratory ……... 44

Figure (4.16) connecting two bulbs in series with the turbine project …… 45

Figure (4.17) connecting 4 bulbs in series with the turbine project ……... 45

Figure (4.18) connecting 6 bulbs in series with the turbine project ……... 46

Figure (4.19) connecting 8 bulbs in series with the turbine project ……... 46

Figure (4.20) connecting 8 bulbs in series with the turbine project with increasing the wind speed …… 47

Figure (4.21) the indirect use of the project …… 47

Figure (4.22) Micro Wind Turbine Project 100 ……..……. 48

Figure (5.1) isometric of the matrix of wind turbines holder mechanism …….. 50

Figure (5.2)Loads over the structure …….. 52
Figure (5.3) the reaction at the ground …… 52
Figure (5.4)The structure maximum deflection …….. 53
Figure (5.5)The bending moment about y-axis …….. 53
Figure (5.6) the bending moment about z-axis …….. 54
Figure (5.7) torsion diagram ……... 54
Figure (5.8) shear force diagram in y-direction …….. 55
Figure (5.9) Shear force diagram in z-direction ……. 55
Figure (5.10) the cross section area safety check …… 56