



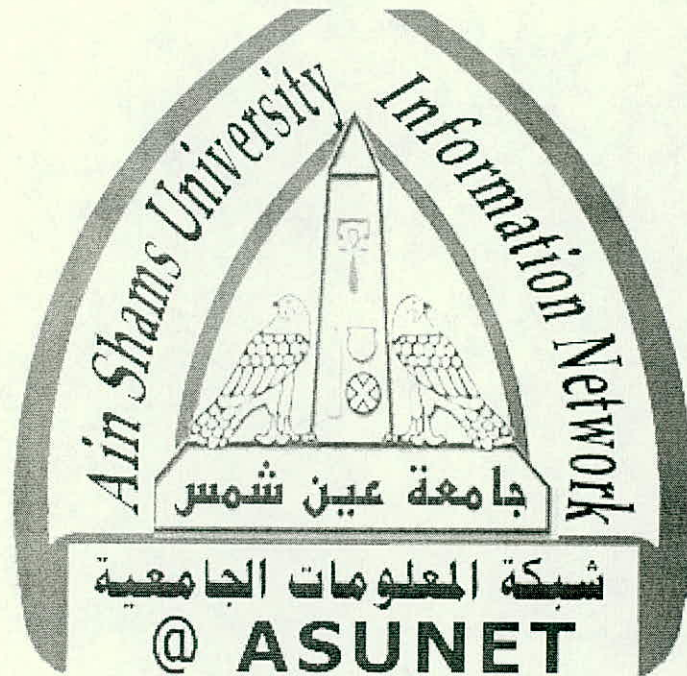
شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



شبكة المعلومات الجامعية

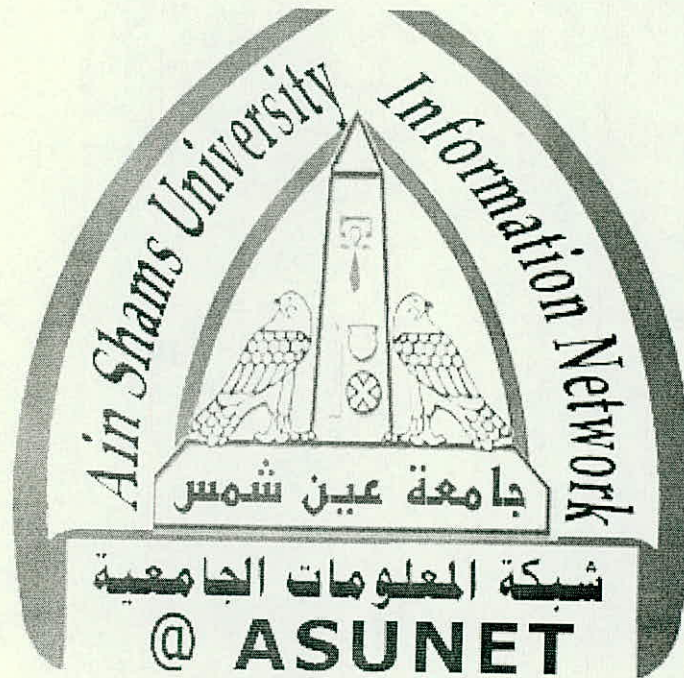


بالرسالة صفحات

لم ترد بالأصل



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة

SOLAR COOKERS AND STILL FOR SINAI PENINSULA REMOTE AREAS

By

Hosny Ibrahim Sabry

**B.Sc. Faculty of Science Ain Shams University
Diploma in Environmental Science 1990**

A Thesis Submitted in Partial Fulfillment

Of

The Requirements for the Master Degree

In

**Environmental Science
Department of: Biological & Natural Sciences
Institute of Environmental Studies and Research
Ain Shams University**

1998

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Under the Supervision of:

Prof. Dr. Mostafa Mohamed
Ismail Shalaby
Professor of Theoretical Physics,
Faculty of Science
Ain-Shams Univ.

Dr. Eng. Anhar Ibrahim
Hegazi
R & D Sector
Director of the New and
Renewable Energy Authority
(NREA)

Prof. Dr. Samy Kamal
Hindawy
Assoc. Professor of Physics,
Faculty of Science
Ain Shams Univ.

This thesis for M.Sc. Degree in Environmental Sciences has been discussed and approved by:

1. Prof. Dr. Mostafa Mohamed Ismail Shalaby

Professor of Theoretical Physics,
Faculty of Science,
Ain-Shams University.

2. Dr. Eng. Anhar Ibrahim Hegazi

The R & D Sector Director of The New and Renewable Energy Authority (NREA) And The Current Chief Of Energy Issues Section Of UN ESCWA.

3. Prof. Dr. Eng. Ahmed Farid Shaaban

Professor of Chemical Engineering,
National Research Center.

4. Prof. Dr. Mamdooh El Mousely

Professor of Physics, Faculty of Science.
Ain-Shams University & Sub. Dean for Environmental Affairs.

Date of Discussion: 11/8/1998.

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4. Finally, tests are also carried out at optical laboratory of NREA to investigate:

a) The ability of solid surfaces to irradiate the heat gained as infrared radiation by using a Radiometer.

b) The photo nature of solid surfaces (absorptance, emittance, transparency) which are used in the equipments of solar energy.

The scope of the latest test is to select the most suitable material for coating the flat plate (absorber) in order to increase its selectivity & to indicate the best reflecting material for lining the dish.

Generally, the tests were eminently successful and resulted in improving cooking & desalinating processes, till cooking time became approximately the same as with conventional cooking fires or with kerosene or gas burners. Thus the aim of the research work has been efficiently achieved without any pollutants.

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