

CONTROLS FOR A SOLAR ASSISTED
SPACE HEATING SYSTEM

Project Report Submitted by

ELIA ELIAS

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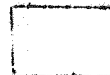
Project Supervisor: Mr. C. Ioizou
B.Sc. (Eng.)
Lecturer in Electrical
Engineering, H.T.I.

External Assessor: Mr. Philios
Christodoulides
Electronic Engineer in
private field.

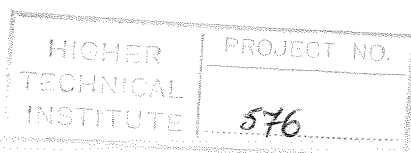
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A B S T R A C T

This project deals with the design, construction and testing of the sensing, regulating and control units for a Solar Assisted Space Heating System.

Investigation of the various types of conventional heating systems is carried out in the first two chapters.

A suitable system feasible for conventional - solar heating is chosen, the operation of which is described in the third chapter.

The position of the temperature sensors is suitably selected to increase the Solar contribution to hot water heating.

Design and construction of the various controls required for the chosen solar assisted space heating system follows in chapter 9.

Finally, some recommendations are made in an attempt to improve considerably the whole electronic control system.

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