DESIGN OF A CROSS BAR ELEVATOR

BY ANTHIMOS PAPHITIS

PROJECT REPORT SUBMITTED TO THE DEPARTMENT OF MECHANICAL ENGINEERING OF THE HIGHER TECHNICAL INSTITUTE

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Dedicated to my parents for their praiseworthy and valuable offer to me.

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SUMMARY

The objective of this project was to study the whole design of an elevator and to make the complete calculation.

Starting from the first chapter of this project an introduction is made in order to cover the basics about elevators.

In the second chapter the calculations are take place.

In the third chapter the coverage focuses on the design which is the most important part of this project. The design of the project is made on the design program AUTO CAD 2004.

In the fourth chapter a cost estimate analysis was made for the propose design.