

DESIGN AND FABRICATION OF 3 LINKAGE MECHANISMS A DEMONSTRATION TOOLS TO DEMONSTRATE PRINCIPLES OF KINEMATICS

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ABSTRACT

In this report, the terms of Linkage Mechanism and Kinematics will be defined. Next, the 3 linkage mechanisms which are chosen for this project will be described. The motions and how the mechanisms works will also be included in this report. Besides that, the problems faced and the solutions when doing this project will also be discussed.

For the outcome of the project, the designs of the mechanisms which are shown, which are Four-bar Linkage, Geneva wheel and Gear Train will be shown. The geometry formulas which are considered when doing this project also will be discussed.

In the conclusion, I have to find out the solutions from the websites and some references books to complete my project.