



**RUBBER TUBE AS AN ELASTIC SPRING IN SOAP DISPENSER
MECHANISM**

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ABSTRACT

The study that has been conducted in this project paper is treated about the principles and concepts of rubber as spring in soap dispenser mechanism. Most of the chapters are discussed concerning only about theoretical foundation and methodology of the test experiment of rubber modelled as a linear spring. An introduction is basically the literature review of the rubber including the general information materials of that rubber and how load is applied on it. The next chapter discusses about theoretical foundation which treats a rubber as a spring, factors effecting performance of elastic rubber tube and sample calculation of spring stiffness, k . The other chapter is discussed about the methodology, which is used in rubber elasticity experiment. At the end of the project, we did the conclusion on what we have been discussed on overall topics. These are all about the project that present the theoretical and concepts of rubber as spring in soap dispenser mechanism and it is hoped that this project will be useful for further study and understanding about the practical use of a rubber tube as an elastic spring and stimulate innovation development forward improving the rubber as spring.