

Cone as a Simple Machine

Ismael Tabuñar Fortunado

University of Santo Tomas, Manila, Philippines

smile.macky@yahoo.com/smile.macky.fortunado@gmail.com

Abstract: There are wedges. This is a summary to them as a simple machine. Cones could be cut... Cones are useful. They are part of designs, calculus and architecture. May this be included as a simple machine.

Keywords: Architecture, Cone, Physics, Simple machines, Wedge.

1. INTRODUCTION

Simple machine, any of several devices with few or no moving parts that are used to modify motion and force in order to perform work. The simple machines are the inclined plane, lever, wedge, wheel and axle, pulley, and screw. (Anonymous 2020) This is an addition to the said simple machines.

2. METHODOLOGY

The author use picture representations.

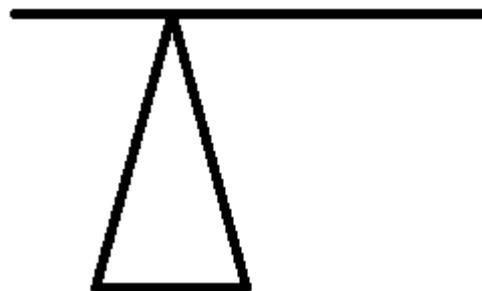


Figure 1: Lever

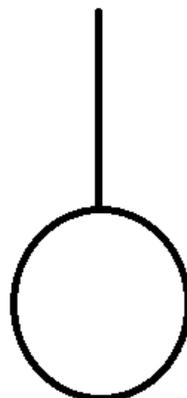


Figure 2: Pendulum

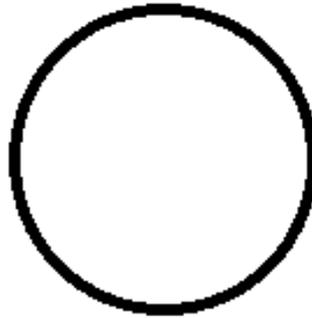


Figure 3: Spring (Fortunado 2019)

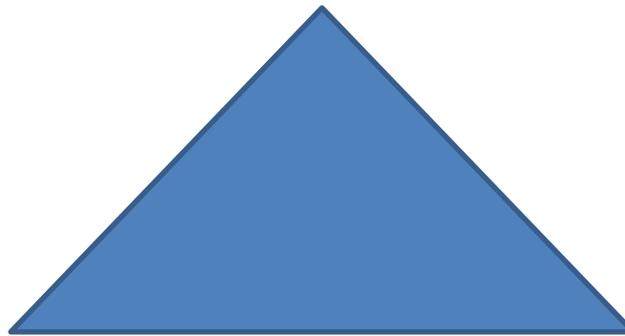
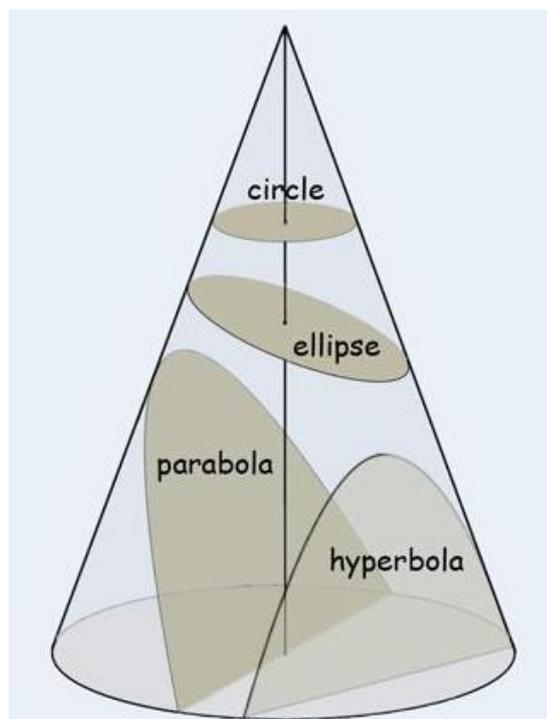


Figure 4: Inclined Planes and wedge

3. RESULTS

There are injections and other useful tools produced by cones. There are straws, nails, ...etc.



4. DISCUSSIONS

1. Many things could be formed.
2. This may include curves.
3. This is very relatable to wedges and wheels.

5. CONCLUSION

This idea may be part of architecture and physics and other experiments. Cones when cut could be circle, ellipse, parabola and hyperbola. It can produce many related things and inventions.

REFERENCES

- [1] Anonymous 2020. Simple machine. <https://www.britannica.com/technology/simple-machine>. Retrieved June 6, 2020.
- [2] Fortunado IT. "The Spring as a Simple Machine." IOSR Journal of Applied Physics (IOSR-JAP) , vol. 11, no. 2, 2019, pp. 57-61.