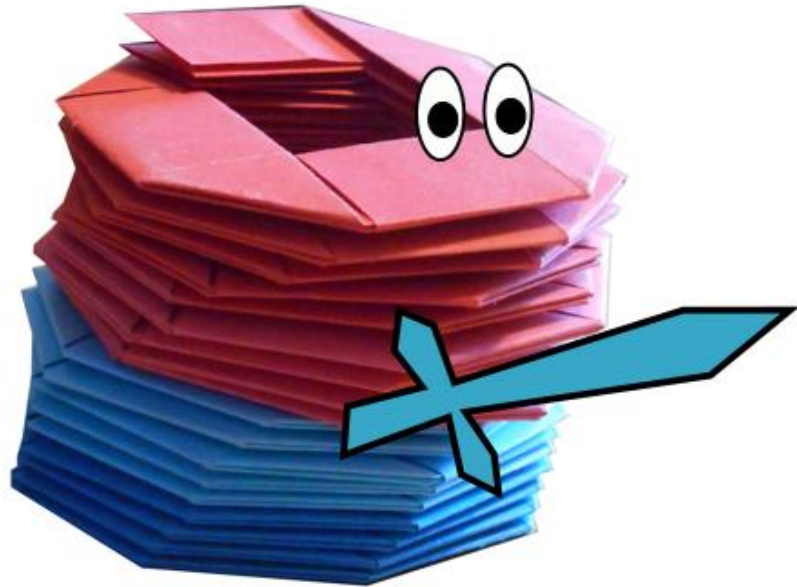
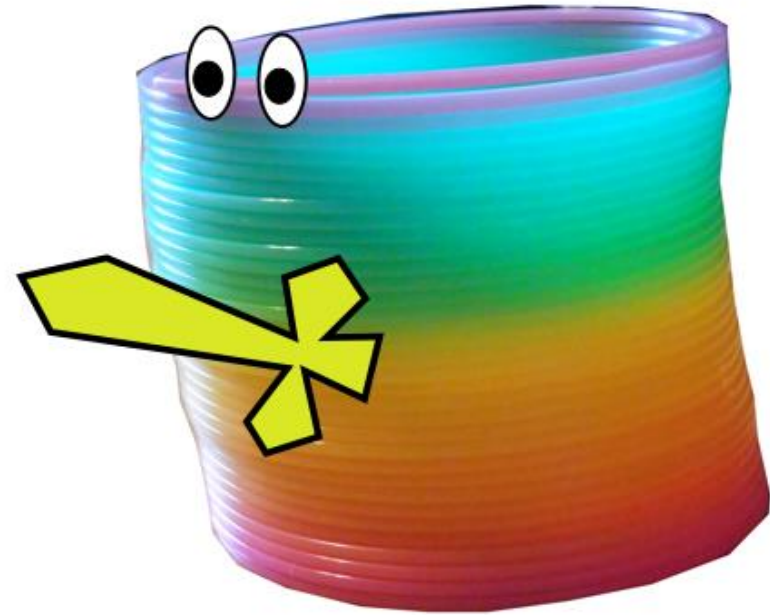


# Battle of the Slinkies



**Paper**

**vs**



**Plastic**

**Sam Hartburn**

Origami slinky designed by Jo Nakashima

[jonakashima.com.br](http://jonakashima.com.br)

Instruction video on YouTube

# ON SLINKY: THE DYNAMICS OF A LOOSE, HEAVY SPRING

BY M. S. LONGUET-HIGGINS

*Received 24 November 1953*

*Introduction.* A simple but intriguing philosophical toy has recently appeared on the market under the trade-name 'Slinky'. It consists of a single flat-coiled spring of phosphor-bronze, 3 in. in diameter and  $2\frac{1}{2}$  in. in length, when closely coiled. According to the directions, the spring is placed upright at the top of a flight of stairs and the upper end is lifted and allowed to fall on to the stair next below. The spring then uncoils itself on to the lower stair, and the end that was at the bottom of the coil flips over on to the stair next but one below. The cycle is repeated and the Slinky walks furtively down the stairs, at a surprisingly steady rate.

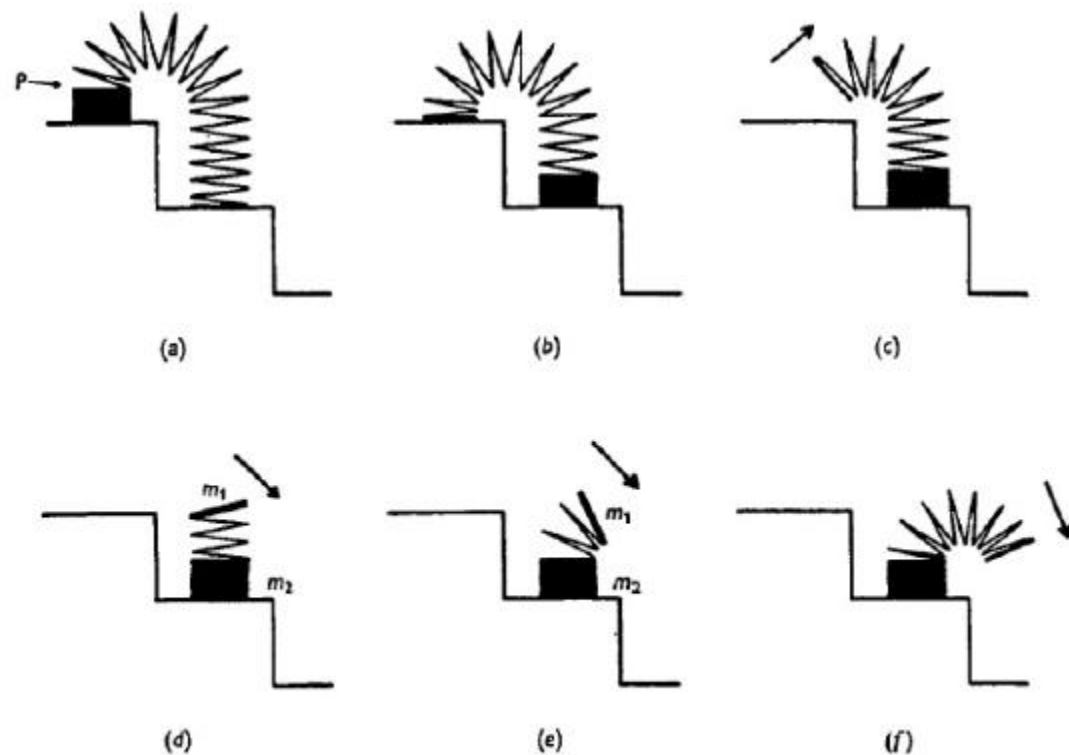
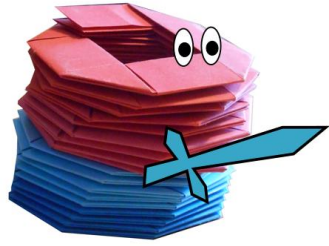


Fig. 1. Illustrating the action of the Slinky.





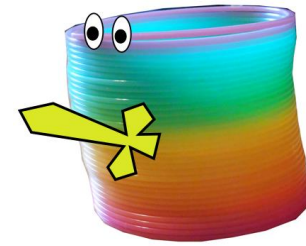
Elegant

Recyclable

Good sound

Choose own length

Can make matching stairs



Fast

Robust

???

