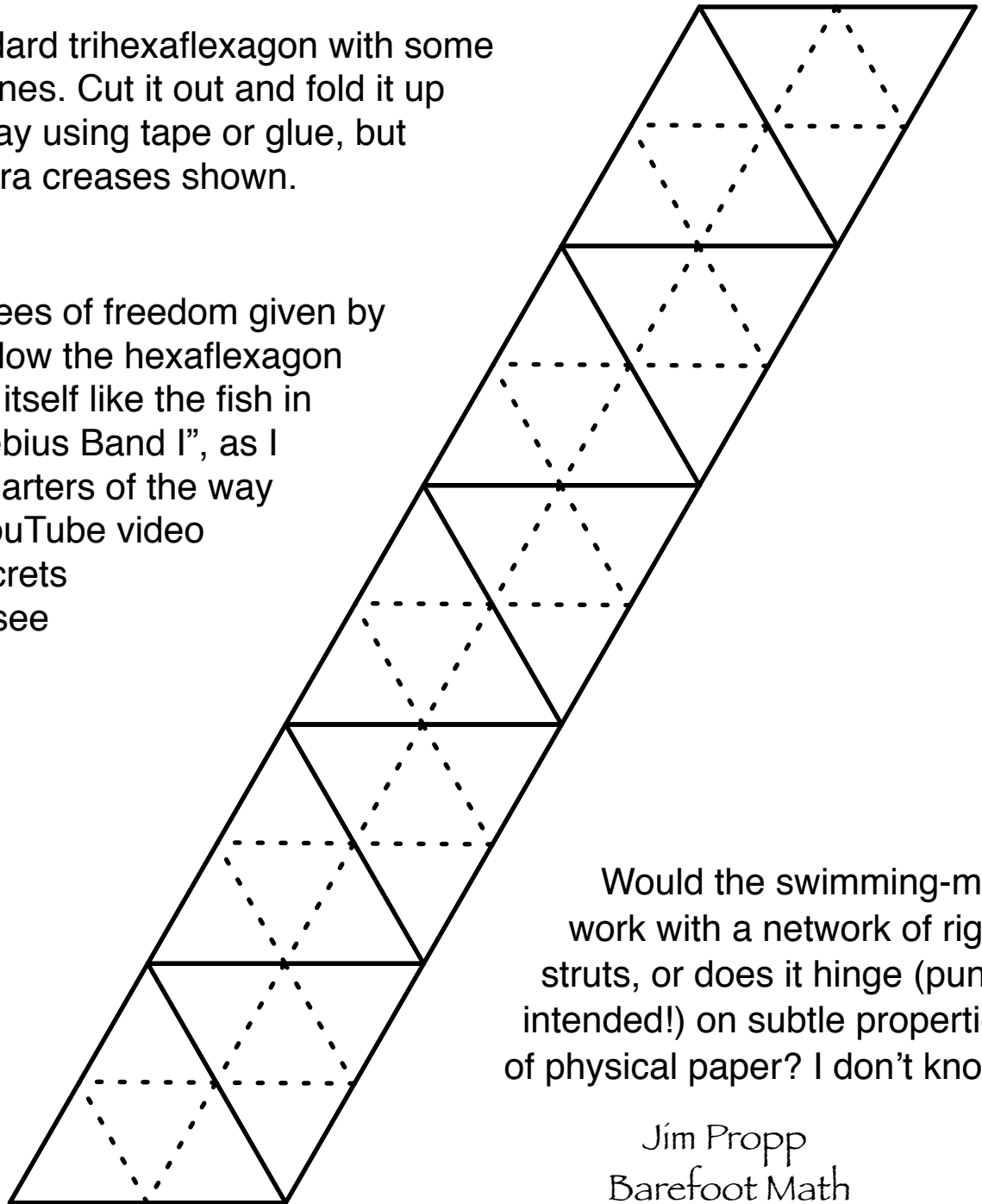


# A Flexier Hexaflexagon

This is a standard trihexaflexagon with some extra crease lines. Cut it out and fold it up in the usual way using tape or glue, but adding the extra creases shown.

The new degrees of freedom given by the creases allow the hexaflexagon to swim along itself like the fish in Escher's "Moebius Band I", as I show three-quarters of the way through my YouTube video "Flexagon Secrets Revealed 1" (see 03:20-04:23).



Would the swimming-move work with a network of rigid struts, or does it hinge (pun intended!) on subtle properties of physical paper? I don't know!

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