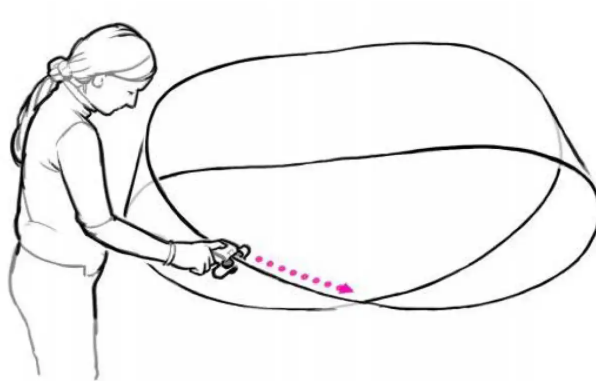


# Möbius strip

How many surfaces does the metal strip have?



Trace the edge of the metal strip with your finger.

Are there one or two outer edges?

Does the strip have a top and a bottom surface?

What about an inner and outer surface?

A moebius strip is obtained by cutting a closed paper ring into a single strip, twisting it once and taping the ends together (Fig. 1 (middle)).

What's special about the moebius strip is that it only has one surface – the red surface merges into the green surface. By twisting the paper strip twice (right picture), two different surfaces emerge (red and green) (Fig.1 (right)).

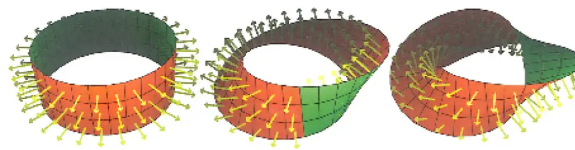


Fig. 1: a moebius strip (middle) with only one surface, and a strip with two surfaces (right) created out of a closed paper ring (left).