Projet EML - Caustic curves and 3Dprints

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Langue: références en français (!)

Title: Caustic curves and 3Dprints / Courbes caustiques et impressions 3D

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Abstract: Some curves could be defined as "the enveloppe of a familly of straight lines". For exemple, an ellipse could be defined as
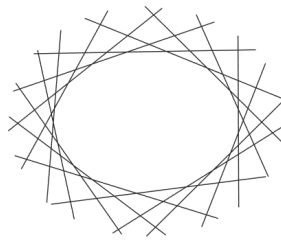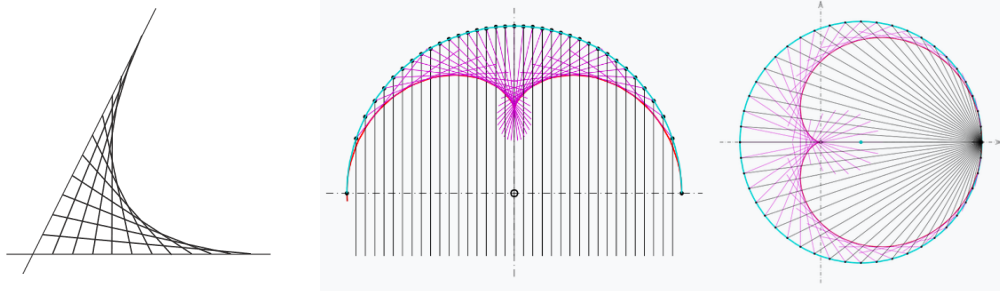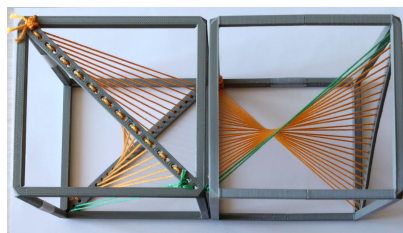

FIGURE 1

Other examples

The aim is to define it properly, and propose a way to construct it using 3D print and strings inspired by the construction of ruled surfaces

References

Géométrie, Michèle Audin, chap. VIII

https://fr.wikipedia.org/wiki/Caustique