Geometric Folding Algoritihms: Linkages, Origami, Polyhedra

Updates to Chapter 20, Sections 20.2 and 20.3: Curved Creases

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August 29, 2025

Abstract

Updates to Chapter 20 [DO07], specifically to Sections 20.2 and 20.3: Curved Creases.

1 Updates

There have been two PhD theses on curved creases:

- Duks Koschitz: [Kos14].
- Klara Mundalova: [Mun24].

More examples of the Demaines' curved crease sculptures: https://erikdemaine.org/curved/.

References

[DO07] Erik D. Demaine and Joseph O'Rourke. *Geometric Folding Algorithms: Linkages, Origami, Polyhedra*. Cambridge University Press, 2007.

[Kos14] Richard Duks Koschitz. *Computational design with curved creases: David Huffman's approach to paperfolding*. PhD thesis, Massachusetts Institute of Technology, 2014.

[Mun24] Klara Mundilova. *Gluing and Creasing Paper along Curves: Computational Methods for Analysis and Design*. PhD thesis, Massachusetts Institute of Technology, 2024.