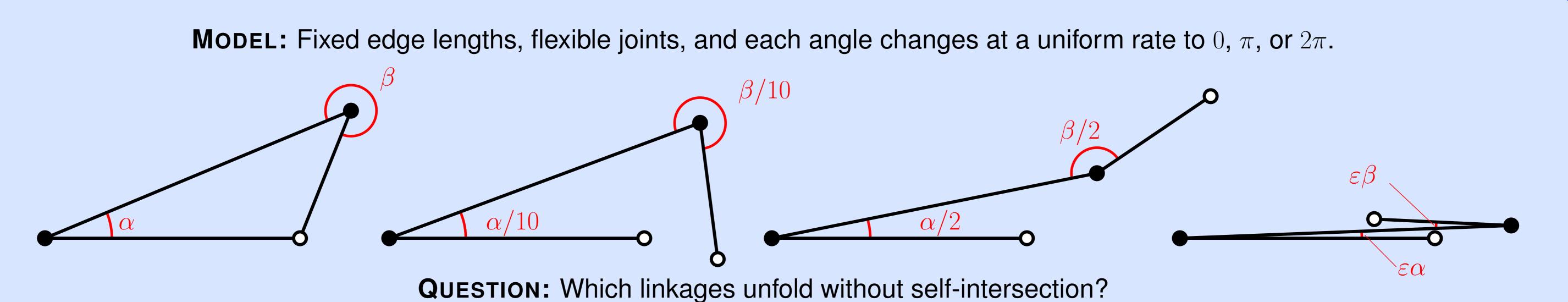
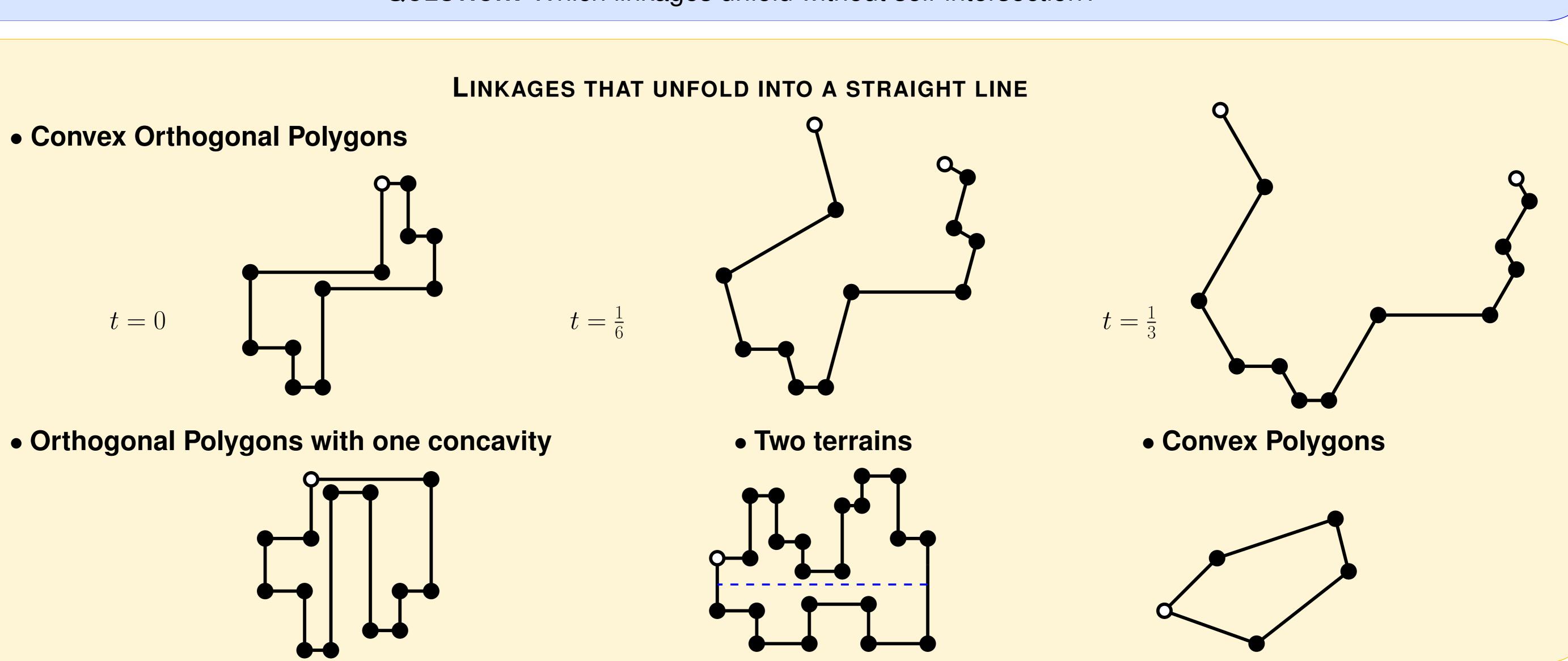
Flattening Polygonal Linkages via Uniform Angular Motion

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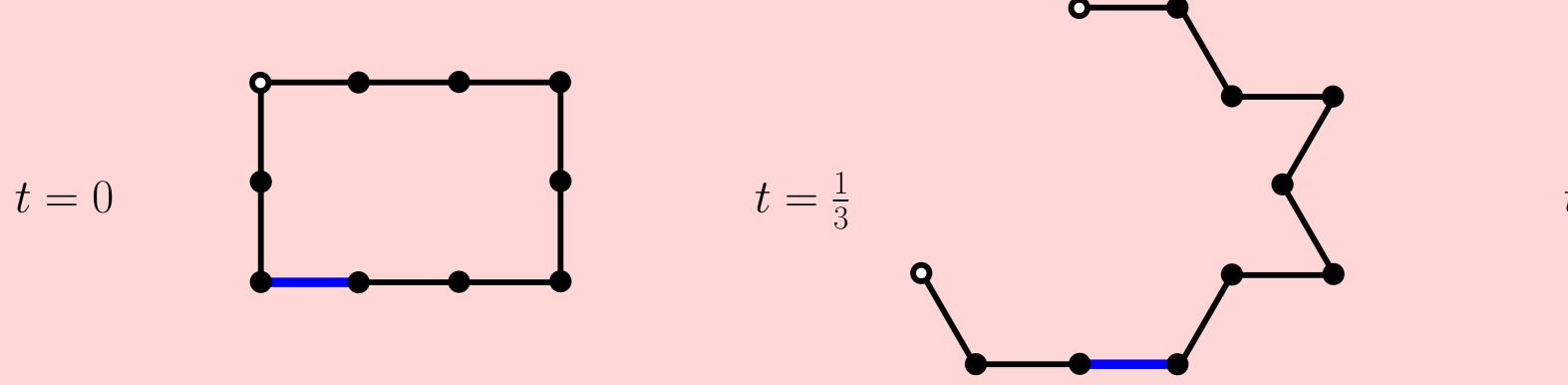
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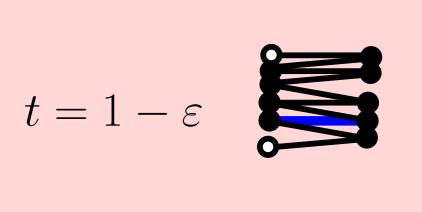




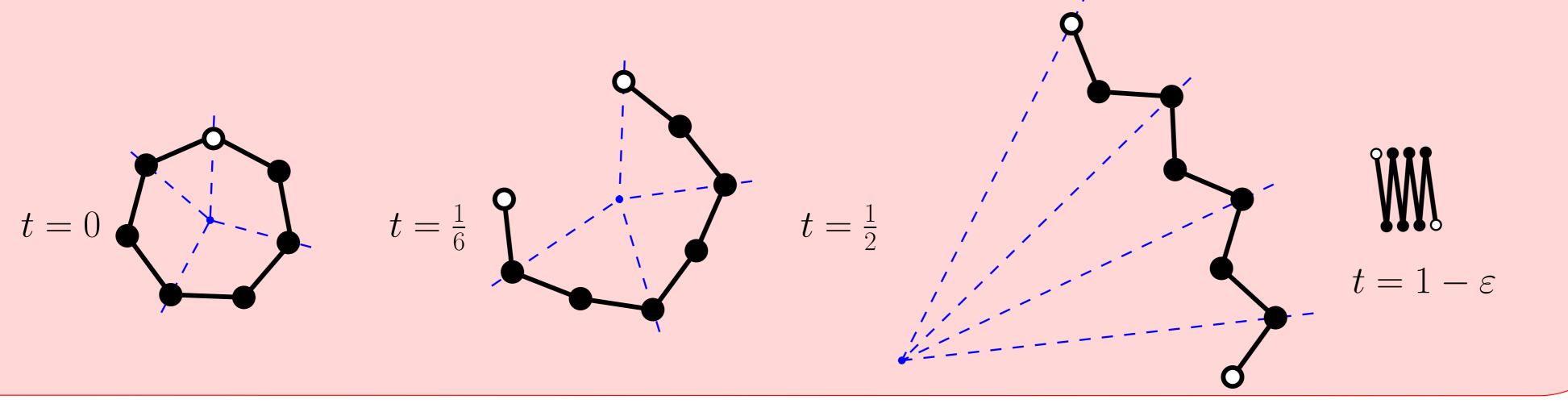
• Rectangle formed by unit length segments.



 $t = \frac{2}{3}$

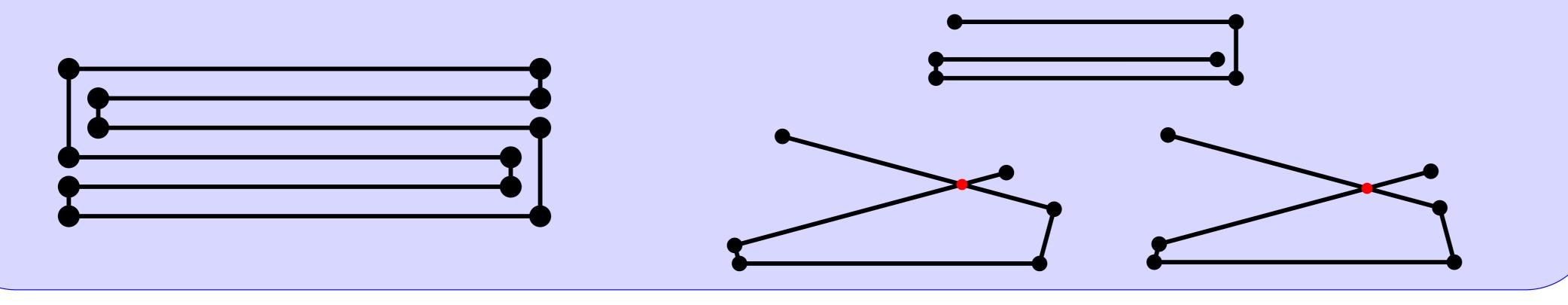


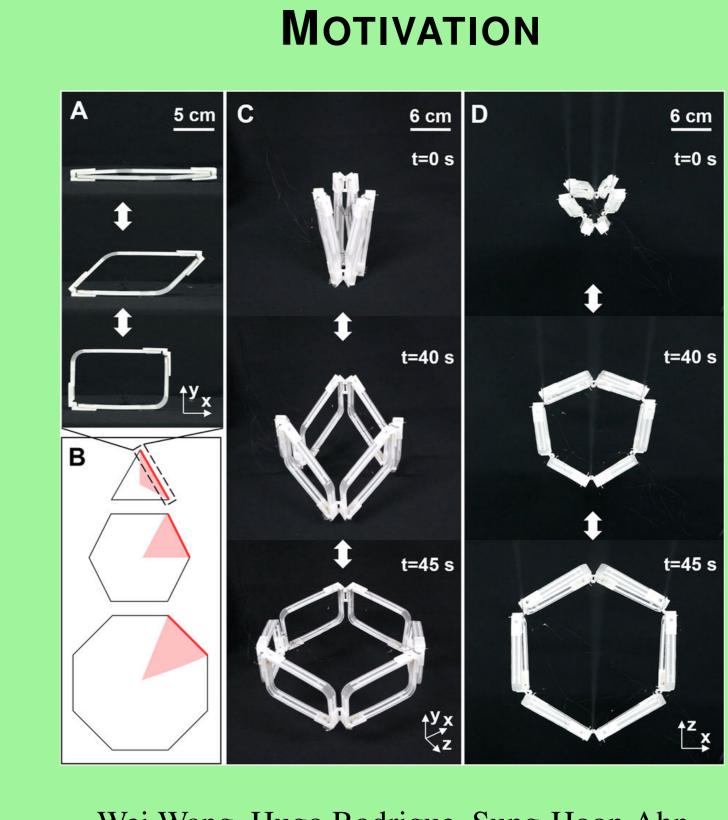
• Regular Polygons, Triangles, Quadrilaterals and Convex Pentagons



LINKAGES THAT UNFOLD INTO NEITHER A STRAIGHT LINE NOR A ZIG-ZAG

Orthogonal Polygons with two concavities/x-Monotone Polygons





Wei Wang, Hugo Rodrigue, Sung-Hoon Ahn, Deployable Soft Composite Structures.

DOI:10.1038/srep20869, 2016.

References

[1] Robert Connelly and Erik D. Demaine, Geometry and topology of polygonal linkages, in *Handbook of Discrete and Computational Geometry*, third edition, 2017, chapter 9, pages 233–256.