Download Geometric Folding Algorithms Linkages Polyhedra

Monograph: Geometric Folding Algorithms: Linkages, Origami, Polyhedra Erik D. Demaine and Joseph O'Rourke. Cambridge University Press, July 2007. xii+472 pages.This course focuses on the algorithms for analyzing and designing geometric foldings. Topics include reconfiguration of foldable structures, linkages made from one-dimensional rods connected by hinges, folding two-dimensional paper (origami), and unfolding and folding three-dimensional polyhedra. Applications to architecture, robotics, manufacturing, and biology are also covered in this course.Geometric Folding Algorithms: Linkages, Origami, Polyhedra | Erik D. Demaine, Joseph O'Rourke | ISBN: 9780521857574 | Kostenloser Versand für alle Bücher mit Versand und Verkauf duch Amazon.The textbook for the class is Geometric Folding Algorithms: Linkages, Origami, Polyhedra by Erik Demaine and Joseph O'Rourke, published by Cambridge University Press (2007). A further reduced price will likely be available as part of a bulk class purchase; let Erik know if you want to be part of it.