

Problem Set 2 Solutions

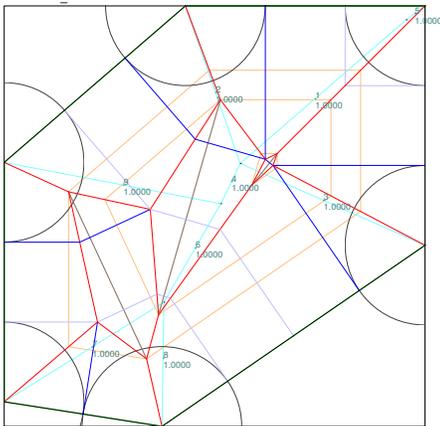
We will drop (ignore) your lowest score on any one problem.

Problem 1. Design a piece of origami using either TreeMaker or Origamizer, and fold it. Use your judgement of reasonable complexity to work within your folding ability. This problem aims to give you experience using algorithmic tools for origami design, and some practice for how well these work (or fail) to fold. Submit your intended design, any issues you encountered, resulting crease pattern, and your folded origami.

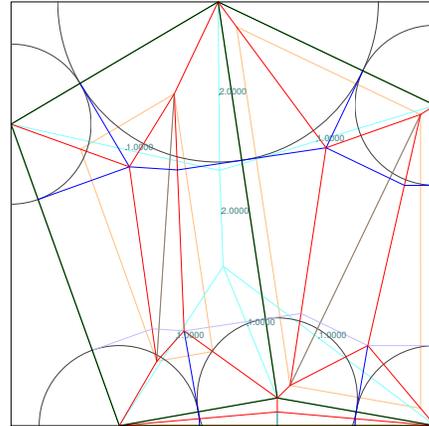
Solution: There is no one correct answer.

Problem 2. Identify the shadow tree in the TreeMaker designs given by the crease patterns below.

Solution: Given below by the light blue tree with length labels.



(a)



(b)

http://courses.csail.mit.edu/6.849/fall12/psets/treeMaker_a.pdf

http://courses.csail.mit.edu/6.849/fall12/psets/treeMaker_b.pdf

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6.849 Geometric Folding Algorithms: Linkages, Origami, Polyhedra
Fall 2012

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