

6.849

Class 1

Sept. 3, 2020

## Technical content overview:

- linkages (1D), paper (2D), polyhedra (3D)
- design (target  $\rightarrow$  folding) vs. foldability (folding  $\rightarrow$  target)

## Requirements: (taking for credit)

- watch all video lectures
- synchronous sessions M4 & R7
  - attend 1 or 2 per week (anti-calendar-aligned)
  - watch recorded portion of nonattended
- participate in problem solving
  - solved problems (pset puzzles)
  - open problems (research!)
  - design problems (art!)
  - coding problems (theory  $\rightarrow$  practice)
- problem sets, weekly
  - eventually become project progress reports
- project & presentation

## Measurement: completion form

$\geq 1$  Coauthor  
post/@mention  
before next Thurs.

Gradescope  
end of semester

SOFTWARE: attempt to simulate in-person room full of tables & whiteboards

DOCS ON  
GITHUB

Comingle: multiroom meetings + glue together tools

- tab switching
- drag tabs to customize layout (for your screen)
- maximize tabset button
- open in separate browser tab (e.g. for tablet)
- reload tab button (e.g. if Jitsi isn't working)
- hand raising (request staff presence)
- background join to indicate interest
- leave room (may join other room)
- adding tabs (Wikipedia & some other sites)

Coauthor: master record of notes, ideas, progress

- anything worth saving should end up here
- can use asynchronously too
- questions thread
- solved problems:
  - your posts are private (to avoid spoiling)
  - @mention who you're working with
  - we may publish your answers to class
- don't Unminimize (esp. hints): use ⊕/⊖

Cocreate:

- multiple pages for fresh thoughts (& performance)
- download SVG to post good stuff to Coauthor