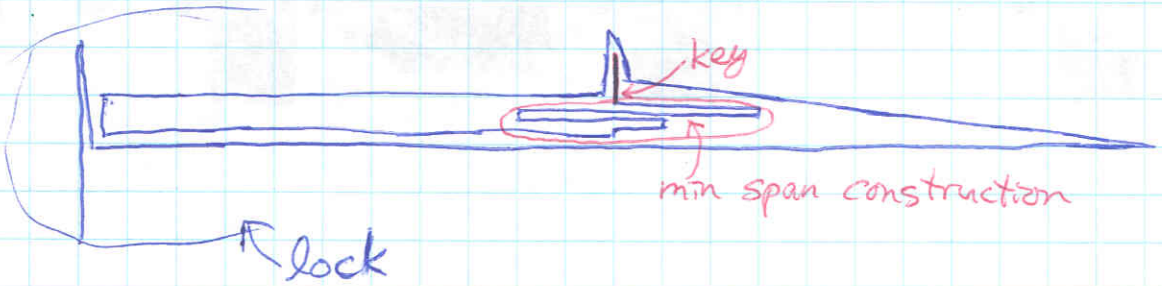
6.885
L15.5
Nov. 3, 2004

Flattening: can a configuration of a fixed-angle linkage be flattened?

NP-hard: [Soss & Toussaint 2000]



- lock can be folded in essentially one way
- extremely wide ⇒ key can't "escape" on left

⇒ key must align with slot of lock

⇒ PARTITION instance must have solution

OPEN: pseudopolynomial algorithm