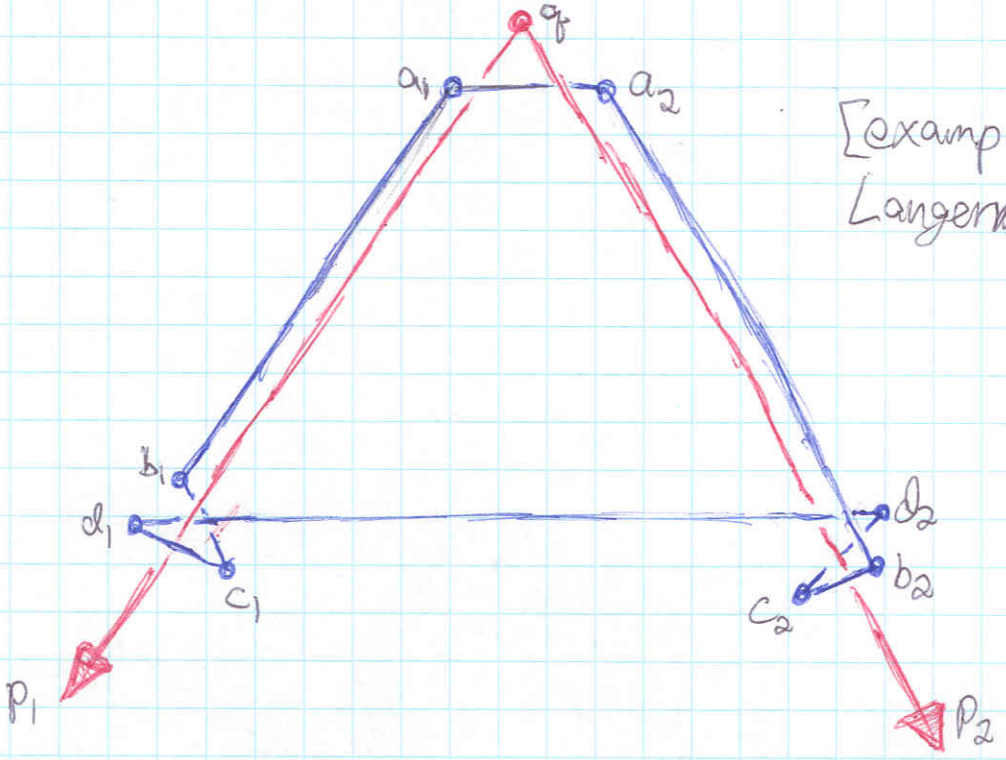
6.885
L24.5
Dec. 8, 2004

Michael Baym: interlocked 3D chains

- claim: 2-chain interlocked with 8-chain closed
  - project onto infinitesimal sphere around q
  - edges a_1a_2 & d_1d_2 are long in projection but a_1a_2 is actually short
    $\Rightarrow a_1, a_2$ move quickly in projection
  - argue about reachable regions
  - connect two ends to make a link
- seems to lock for thick bars (radius > 0) but unlock for normal bars!



[example by Langerman & Snoeyink]