

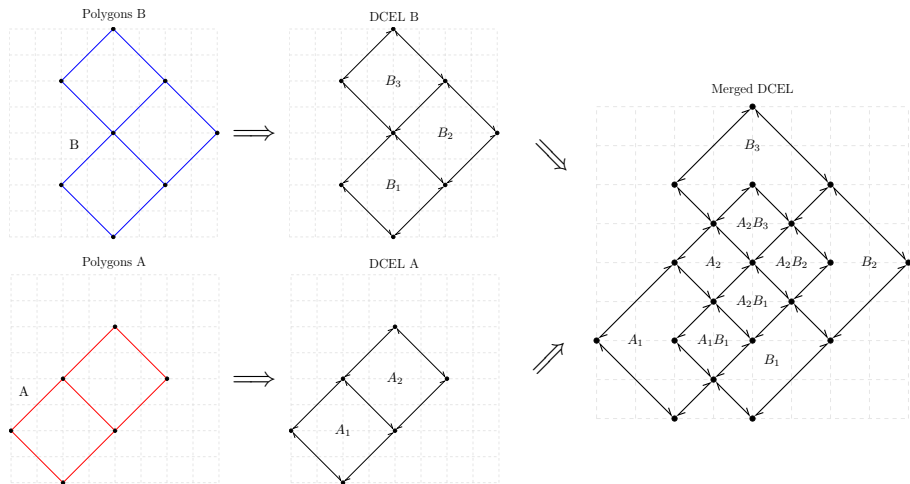
Parallel DCEL Construction Report

Andres Calderon

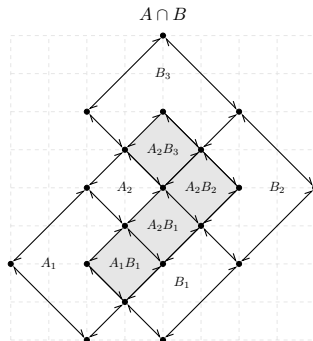
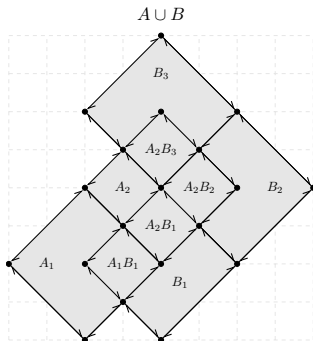
University of California, Riverside

August 7, 2019

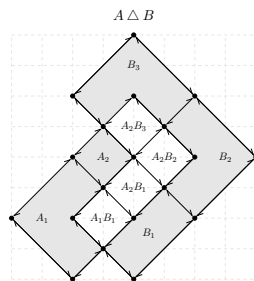
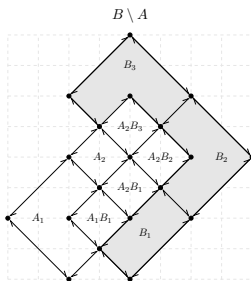
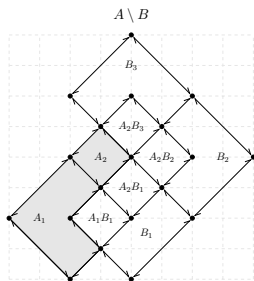
DCEL construction



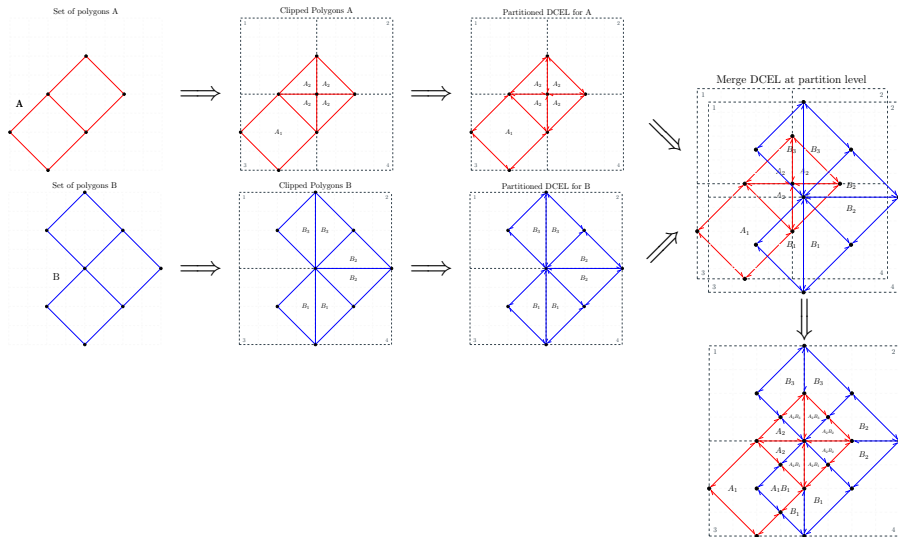
DCEL operations



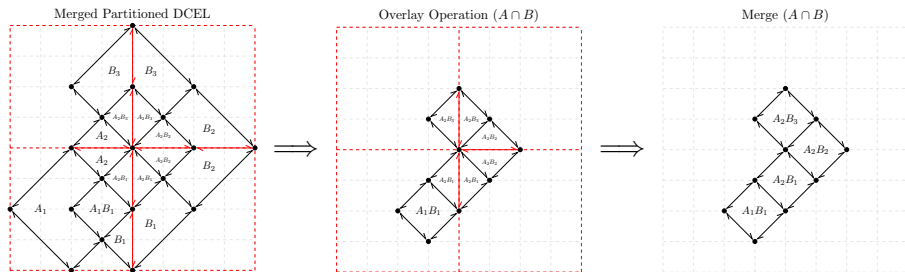
DCEL operations



Parallel DCEL construction



Parallel DCEL operations



What is next...

- ▶ **Current state:** Merged Partitioned DCEL is done.
- ▶ Still dealing with some issues during the face label assignment.
- ▶ Start working on Overlay operations.
- ▶ Testing.