

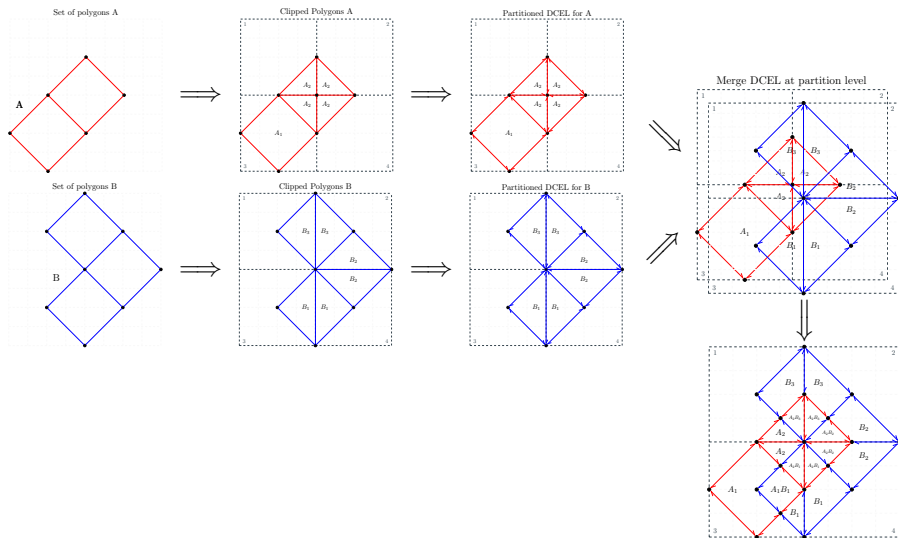
# Parallel DCEL Construction Report

Andres Calderon

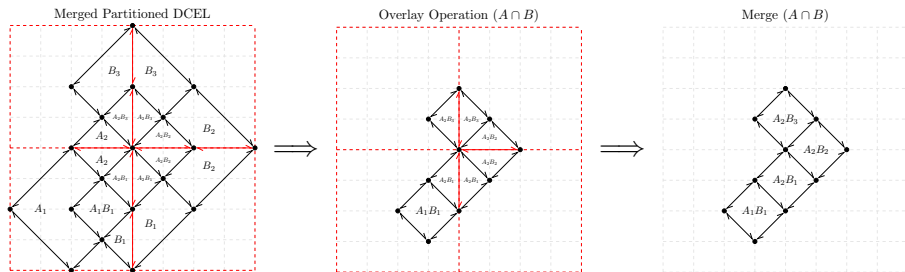
University of California, Riverside

August 22, 2019

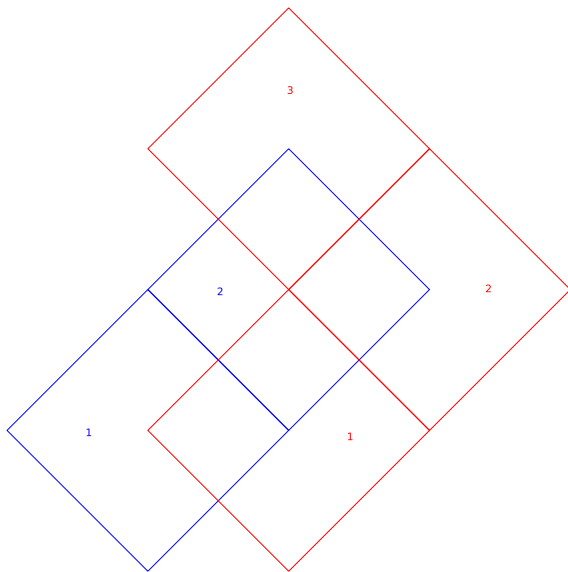
# Parallel DCEL construction



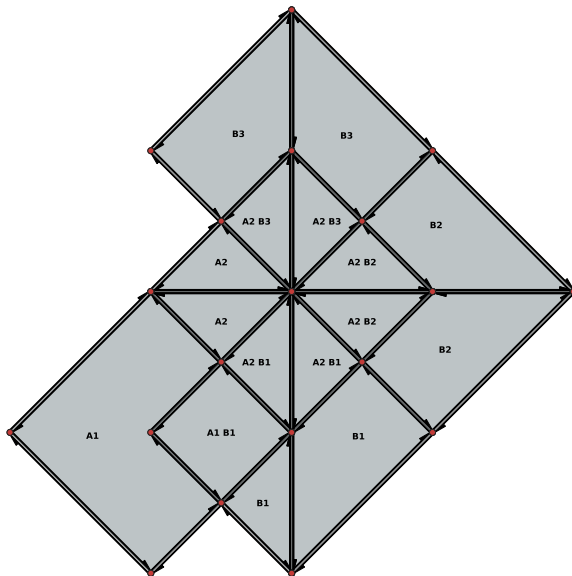
# Parallel DCEL operations



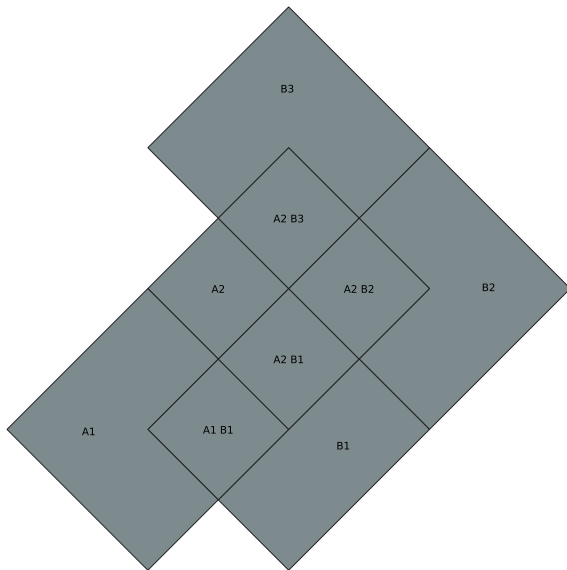
# Demo example



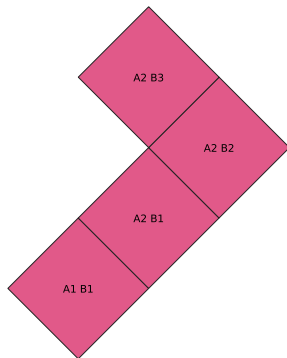
# Demo example



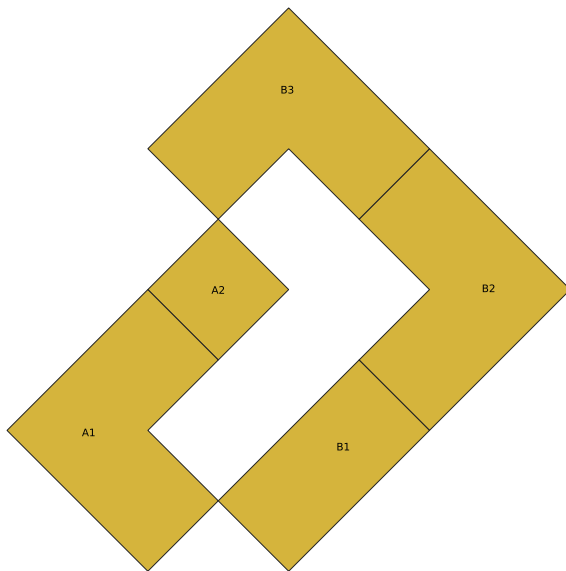
# Demo example



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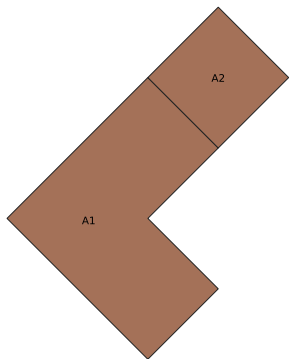


# Demo example

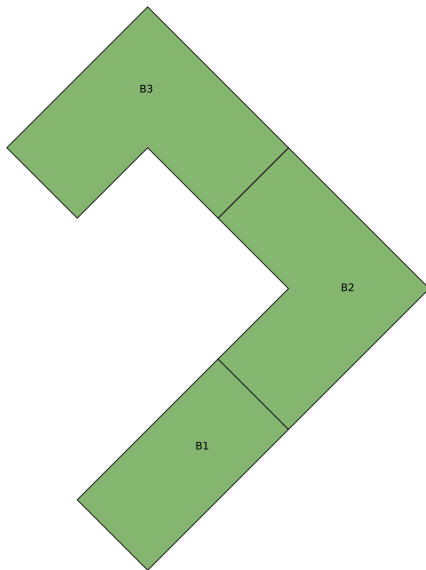




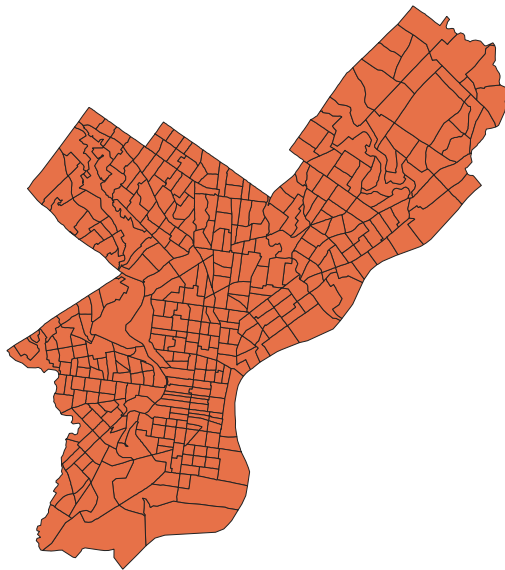
# Demo example



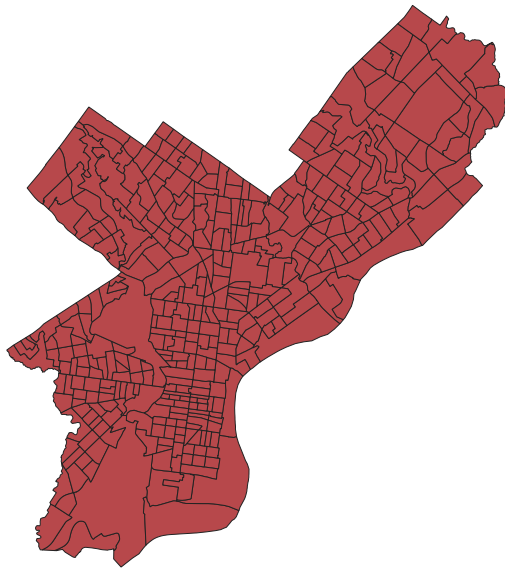
# Demo example



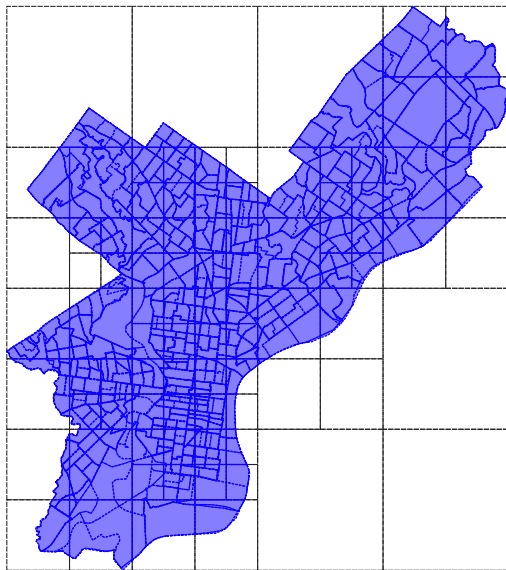
# Phili test



# Phili test



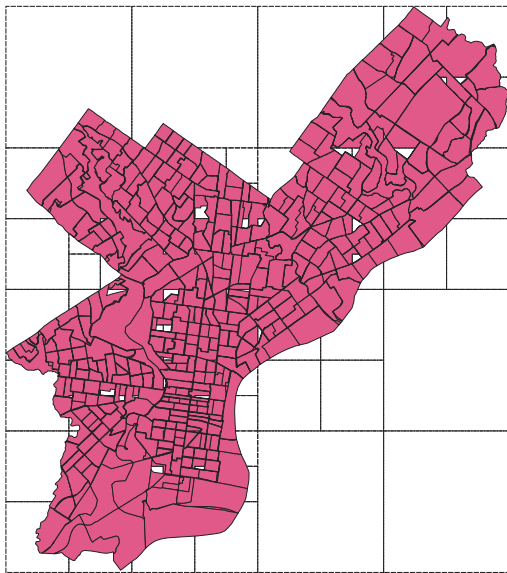
# Phili test



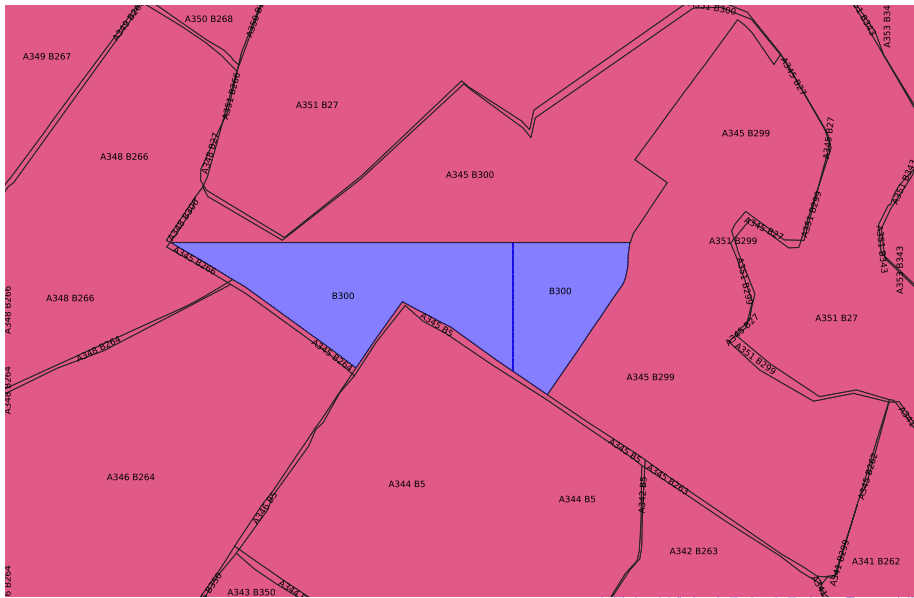
# Phili test

- ▶ Merged DCEL construction is working fine but currently I am tracking a bug in the label assignation...

# Phili test



## Phili test





# What is next...

- ▶ Fix bug in label assignation.
- ▶ Work on holes and multipolygon strategy.
- ▶ Perform experiments with larger datasets.