

# PFLOCK Report

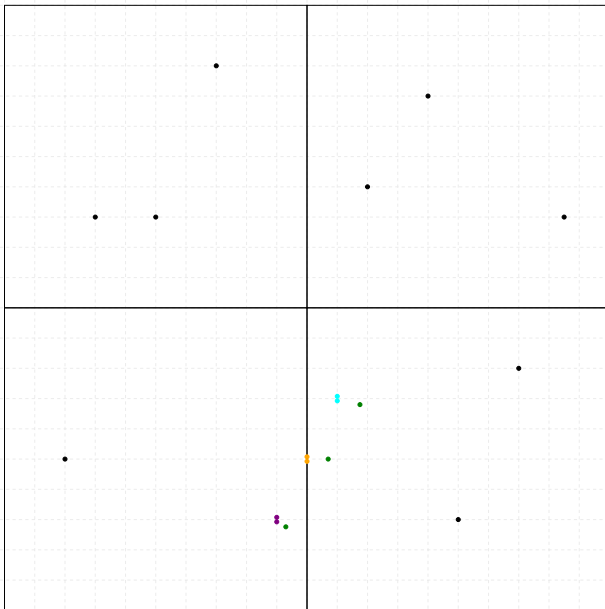
Andres Calderon

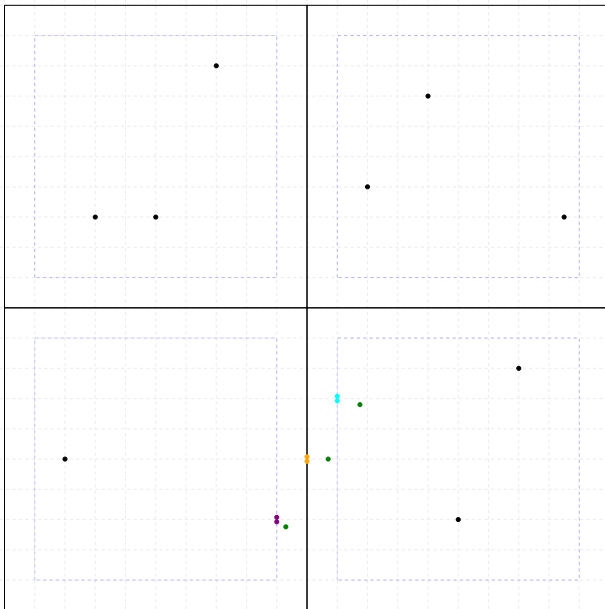
University of California, Riverside

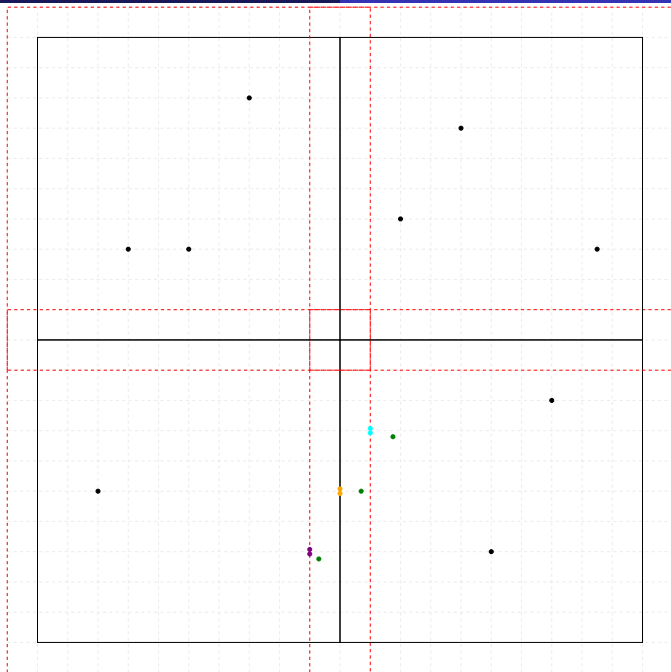
June 12, 2020

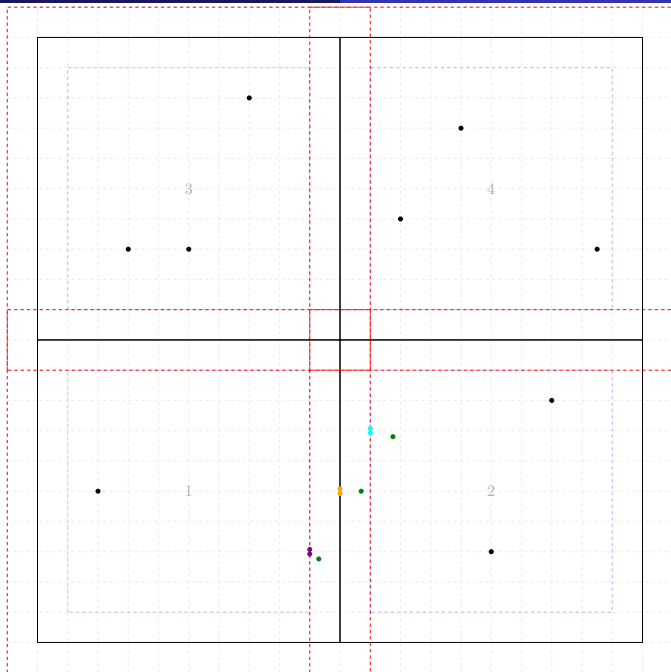
## Lemma

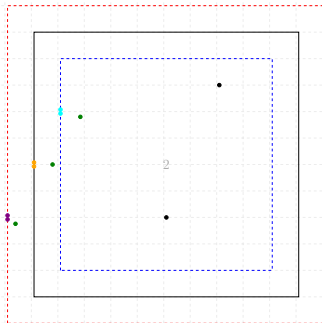
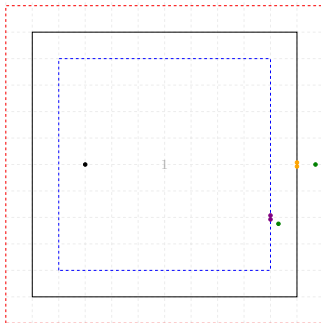
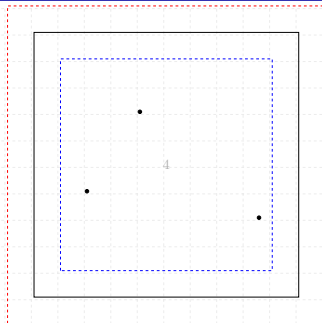
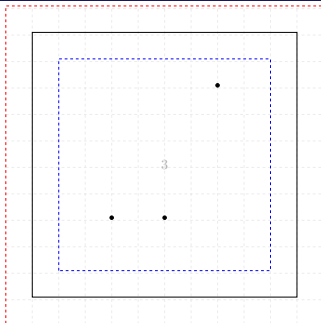
*Centers lying in the expansion zone of a partition should not be evaluated. The corresponding partition in its neighbourhood will deal with them.*

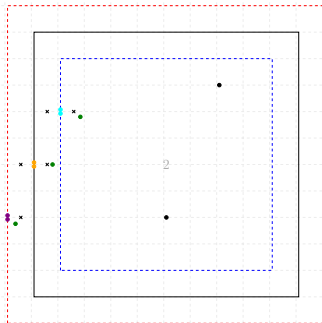
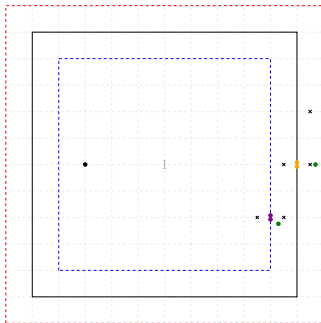
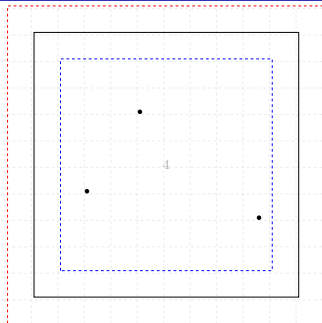
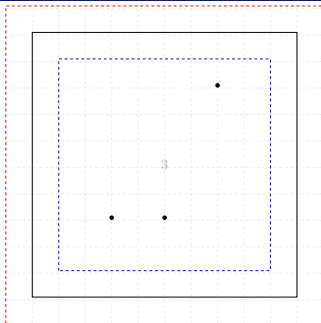




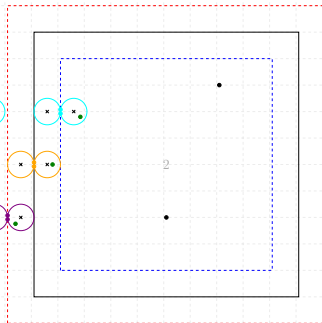
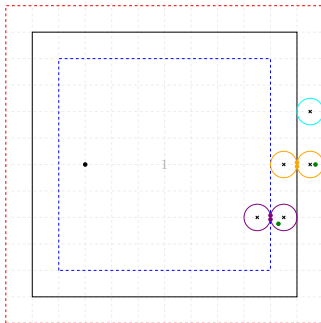
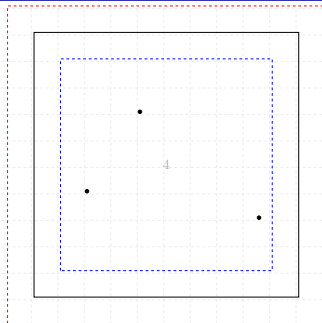
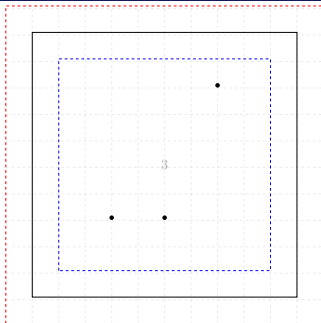


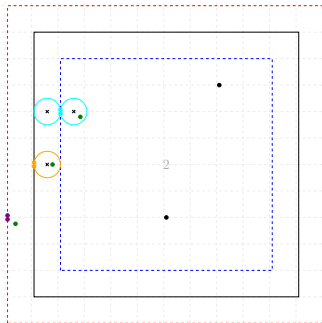
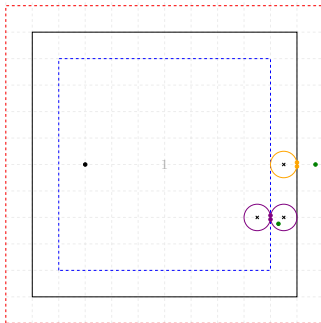
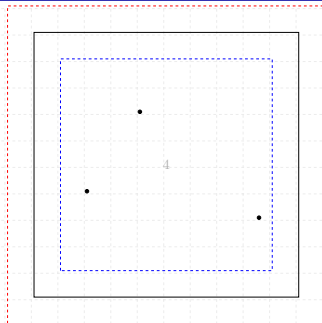
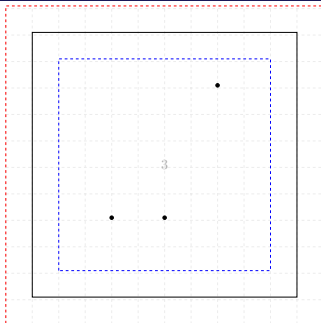






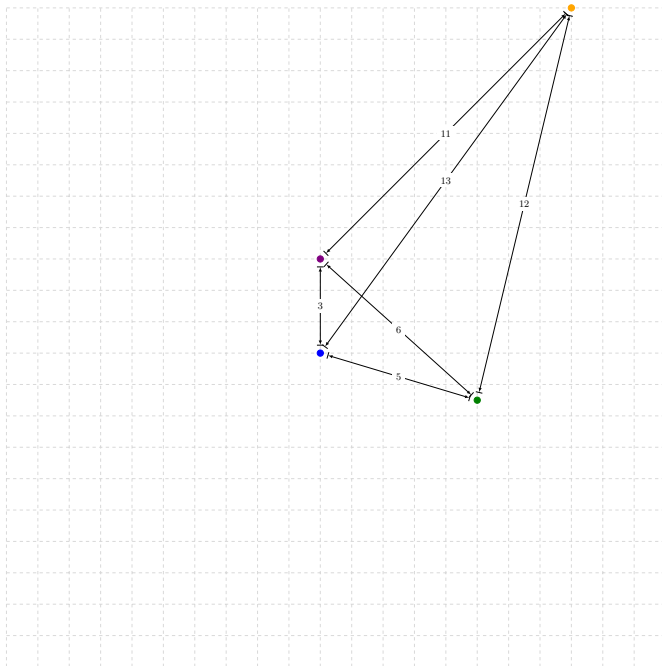


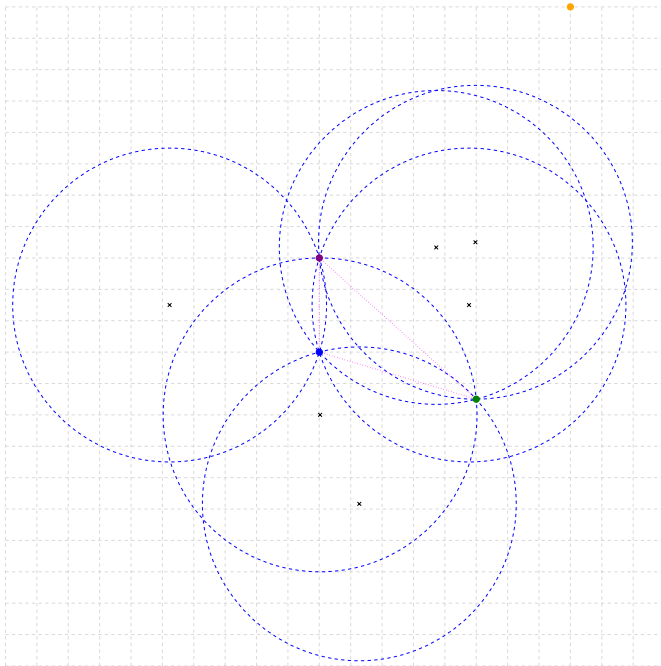




## Lemma

*Points which are not part of the pairs set will not be involved during the disk finding procedure.*





# What's next

- ▶ Almost done with the implementation. Dealing with some minor bugs.
- ▶ Implementing the duplicate/redundant prune technique using LCM.