

Adaptive Cell Decomposition

A Planar Subdivision Method Beyond Lines

Saeed Gholami Shahbandi

September 8, 2016

1 Discussion

1.1 Degenerate cases

1.2 Future work

1.2.1 Beyond straight lines and circles

Do we need them? aren't circle and line sufficient for geometric abstraction?

1.2.2 Dynamic Subdivision

1.2.3 Face merging, a case of constructive geometry

References

- [1] Mark De Berg, Marc Van Kreveld, Mark Overmars, and Otfried Cheong Schwarzkopf. Computational geometry. In *Computational geometry*. Springer, 2000. (Not cited.)

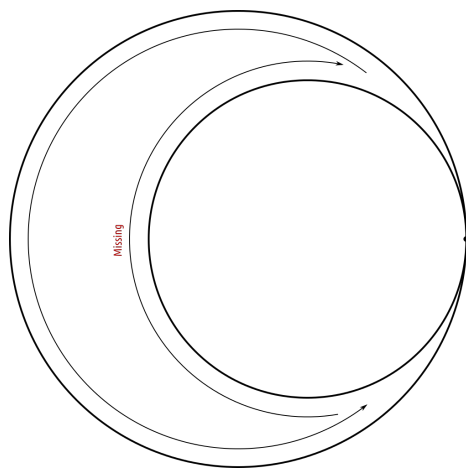


Figure 1: xxx