

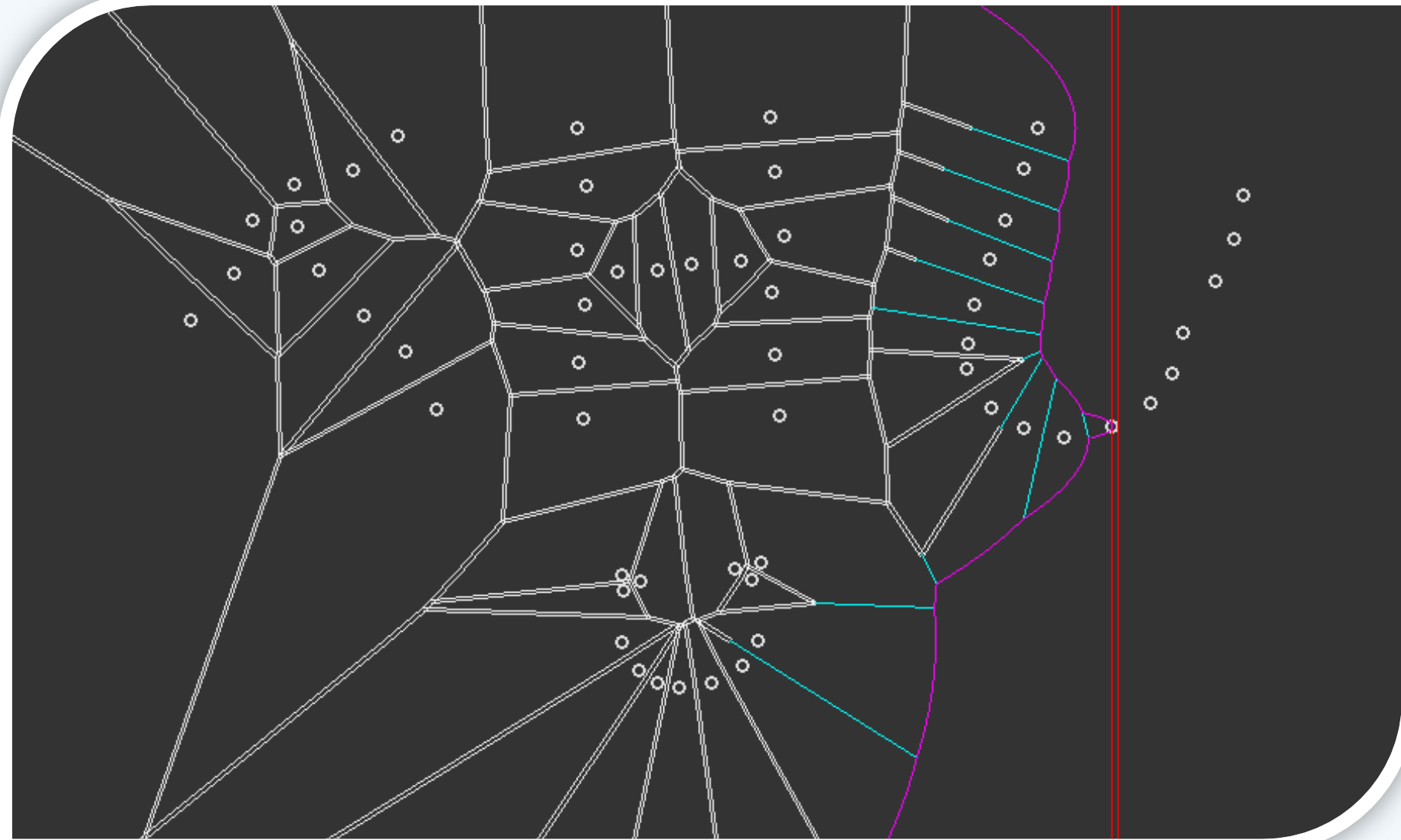
# Voronoi Diagram

Plane Sweep

- A First Glance

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## Plane-Sweeping Paradigm

❖ Generally speaking,

the key to a plane-sweep algorithm is the ability

to `discover`/`predict` all upcoming events in an efficient manner

❖ In BO algorithm, for example, we

- considered all pairs of segments

that are adjacent in sweepline status, and

- inserted their intersection points into the event queue, so that

they wouldn't be missed while the sweepline moves on