

\mathbb{R}^2

Voronoi
Diagram
 $O(n \log n)$



Delaunay
Triangulation

$A \longrightarrow B$
 \equiv

we can compute
 B from A in linear
time.

\mathbb{R}^2

Voronoi
Diagram
 $O(n \log n)$

Delaunay
Triangulation

Gabriel
Graph

Relative
Neighborhood Graph

NN-graph

Closest Pair

...

...

$A \longrightarrow B$
 \equiv

we can compute
 B from A in linear
time.

\mathbb{R}^3

Upper envelope
of planes

\mathbb{R}^2

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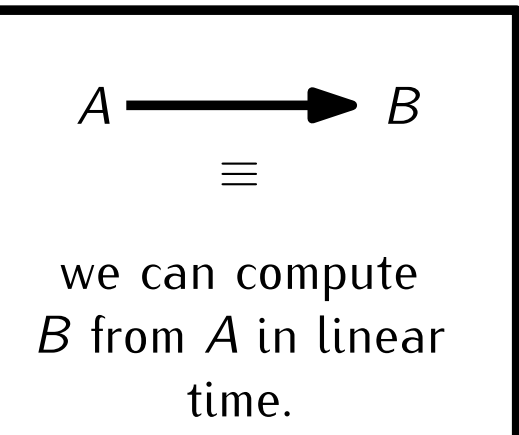
Closest Pair

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\mathbb{R}^3

Upper envelope
of planes

Convex Hull
 $O(n \log n)$

\mathbb{R}^2

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