Windowing Query

Stabbing With A Segment

- Overview

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windowing query

type B →

left/top side intersection query

reduction →

segment intersection query × 2

reduction ↓

x_{mid}

type A →

2D range query

1D interval query using 2 range trees as associated structures

segment
intersection
query × 2

reduce

left/top side
intersection
query

type B

reduce

x_{mid}

1D interval query
using 2 range trees as
associated structures

windowing
query

2D
range query

type A