

Advanced Data Structures

1 Multidimensional Data Structures

1.1 Queries

- Exact search: $q = (s, s, \dots, s)$.
- Partial match: $q = (s, s, *, *, s, *, s)$.
- Orthogonal queries.
- Range queries: $q = ([\], [\], \dots, [\])$
- Region queries.
- Nearest-Neighbor queries: q , *similarity function*.