Indoor Spatial Queries:
Modeling, Indexing, and Processing

❖ *Five Methods: IDModel, IDIndex, CIndex, IP-Tree, VIP-Tree*

❖ *Four Query Types: Range Query, kNN Query, Shortest Path Query, Shortest Distance Query*

❖ *In-depth Benchmark with Datasets, Evaluation Tasks, and Performance Metrics*

❖ *Extensive Evaluation on Real and Synthetic Datasets*

❖ *Result Analysis for the Pros and Cons of All Methods*

❖ *Recommendation for Typical Application Scenarios*

An EDBT 2021 work by
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