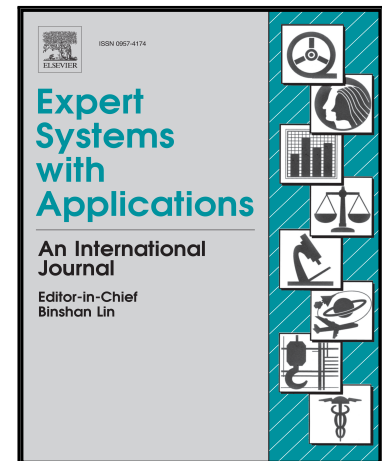


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Comprehensive Analysis of Distance and Similarity Measures for Wi-Fi Fingerprinting Indoor Positioning Systems

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Highlights

- We introduce a study in depth of distance/similarity measures for indoor location.
- Alternative measures provide better results than commonly used Euclidean Distance.
- Choosing an appropriate non-linear representation is crucial for Intensity Values.
- Very low intensity values are representative and they should not be filtered.
- All the experiments are validated with a public database, so they are reproducible.

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