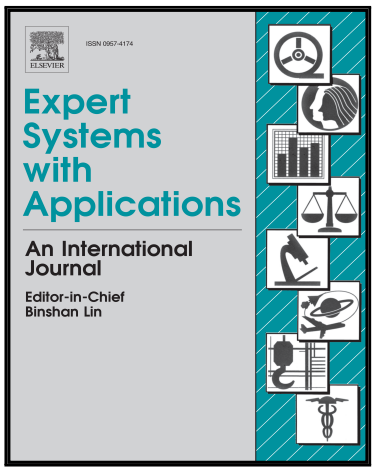

A radiosity-based method to avoid calibration for Indoor Positioning Systems

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Highlights

- A WiFi signal propagation model based on the radiosity technique is proposed.
- The model is used to generate a WiFi map for indoor location pur- poses.
- The performance of the proposal is assessed by means of Machine Learning algorithms.
- Time series for RSSI should be carefully simulated to mimic real behaviour.