

Comments and Corrections

Correction to: “Using Smart-Phones and Floor Plans for Indoor Location Tracking”

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The authors of the paper [1] would like to acknowledge duplicate publication. Some text, images, tables, and ideas in [1]–[4] share similarity and this duplication was not cited in the published version of [1].

The description of the waist mounted PDR method for estimating step length in Section II of [1] is similar to the implementation of the waist-mounted PDR method using a smart-phone in Section III of [2], in Section III of [3], and in Section III of [4]. The description of the gyroscope error calibration with map matching in Section III of [1] is similar to Section IV of [2], Section IV of [3] and Section IV of [4] (all entitled "Gyroscope error calibration with map matching").

The methods of the evaluation in Section IV of [1] share some commonality with the methods described in Section V of [2], in Section V of [3] and in Section V of [4] (all titled "evaluation").

Results also share similarity. Table II in [1], Table I in [2], Table I in [3] and Table I in [4] differ only due to rounding.

With respect to figures,

- Fig. 1 in [1] is similar to Fig. 1(b) in [2], Fig. 1(b) in [3], and Fig. 1(b) in [4],
- Fig. 2 in [1] is similar to Fig. 2 in [2], Fig. 2 in [3], and Fig. 2 in [4],
- Fig. 3 in [1] is similar to Fig. 3 in [2], Fig. 3 in [3], and Fig. 3 in [4],
- Fig. 4 in [1] is similar to Fig. 5 in [2], Fig. 5 in [3], and Fig. 5 in [4],
- Fig. 5 in [1] is similar to Fig. 6 in [2], Fig. 6 in [3], and Fig. 6 in [4],
- Fig. 6 in [1] is similar to Fig. 21 in [3] and Fig. 20 in [4],
- Fig. 7(a) in [1] is similar to Fig. 7.1 in [2], Fig. 9(a) in [3], and Fig. 7 in [4],
- Fig. 7(b) in [1] is similar to Fig. 9(b) in [3] and Fig. 8 in [4],
- Fig. 8 in [1] is similar to Fig. 8 in [2], Fig. 10 in [3], and Fig. 9 in [4]

- Fig. 9 in [1] is similar to Fig. 9 in [2], Fig. 11 in [3], and Fig. 10 in [4],
- Fig. 10 in [1] is similar to Fig. 10 in [2], Fig. 12 in [3], and Fig. 11 in [4],
- Fig. 11 in [1] is similar to Fig. 11 in [2], Fig. 14 in [3], and Fig. 12 in [4],
- Fig. 12 in [1] is similar to Fig. 12 in [2] and Fig. 13 in [4], and with the exception of the word “edge” instead of “ratio” to Fig. 14 in [3],
- Fig. 13 in [1] is similar to Fig. 13 in [2], Fig. 15 in [3], and Fig. 14 in [4],
- Fig. 14 in [1] is similar to Fig. 14 in [2], Fig. 16 in [3], and Fig. 15 in [4],
- Fig. 15 in [1] is similar to Fig. 15 in [2] and Fig. 16 in [4],
- Fig. 16 in [1] is similar to Fig. 16 in [2], Fig. 18 in [3] and Fig. 17 in [4],
- Fig. 17 in [1] is similar to Fig. 17 in [2], Fig. 19 in [3], and Fig. 18 in [4],
- Fig. 19 in [1] is similar to Fig. 21 in [2] and Fig. 21 in [4]
- Fig. 20 in [1] is similar to Fig. 22 in [2], Fig. 24 in [3], and Fig. 22 in [4],
- Fig. 21 in [1] is similar to Fig. 23 in [2], Fig. 25 in [3], and Fig. 23 in [4],
- Fig. 22 in [1] is similar to Fig. 24 in [2], Fig. 26 in [3] and Fig. 24 in [4].

REFERENCES

- [1] K.-C. Lan, and W.-Y. Shih, “Using smart-phones and floor plans for indoor location tracking,” *IEEE Trans. Human-Mach. Syst.*, vol. 44, no. 2, pp. 211–221, Apr. 2014.
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- [3] K.-C. Lan and W.-Y. Shih, “On calibrating the sensor errors of a PDR-Based indoor localization system,” *Sensors*, vol. 13, pp. 4781–4810, Apr. 2013.
- [4] K.-C. Lan and W.-Y. Shih, “An indoor location tracking system for smart parking,” *Int. J. Parallel, Emerg. Distribut. Syst.*, vol. 29, no. 3, pp. 215–238, May. 2014.