Pedestrian Navigation

Navigation Systems VU, WS 2018/19, laboratory # 2

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*Abstract*—Pedestrians spend 80% of their time in indoor environments. Given that a vast majority of pedestrians own a smartphone, it would be convenient if an indoor positioning solution purely based on smartphone sensors existed. This paper focuses on one possible approach, namely Pedestrian Dead Reckoning based on inertial sensors from a smartphone.

Keywords—smartphone; inertial sensors; dead reckoning; navigation;

# Introduction

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# Methodology Approach

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