

Anchor Node Placement for Localization in Wireless Sensor Networks

Ben Tatham

Carleton University
Ottawa-Carleton Institute for Electrical and Computer Engineering
tatham@ieee.org

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Why Wireless Sensor Networks?

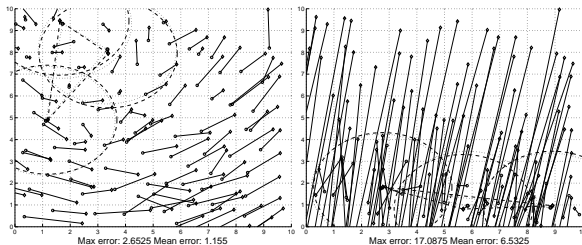
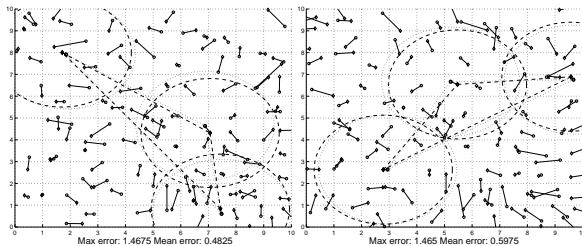


(a) Great Duck Island



(b)

Motivation



The Basics

What are we actually doing?

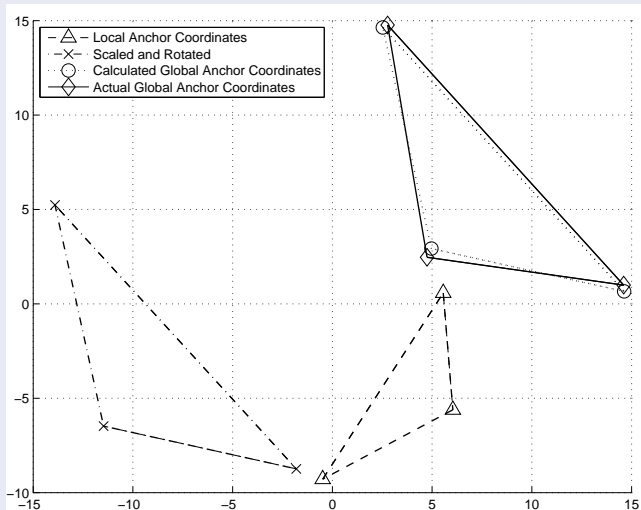
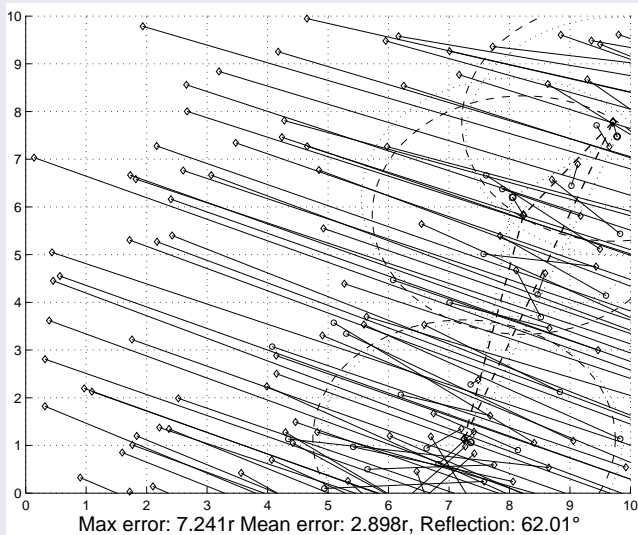


Figure: Procrustes Analysis

The Worst Case

What does it look like



The Worst Case

Avoiding it

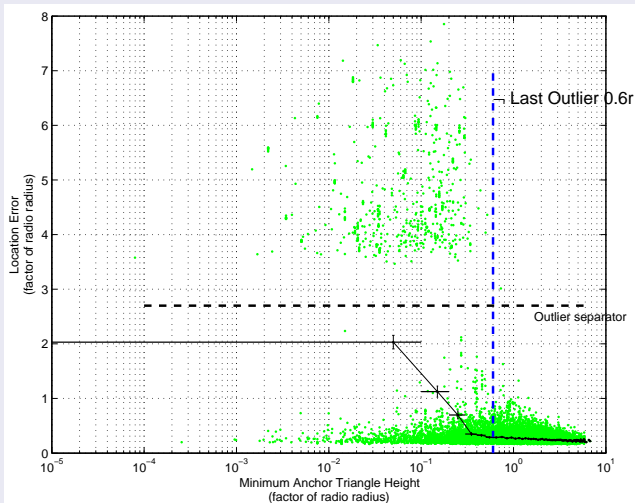


Figure: Minimum anchor triangle heights, with confidence intervals grouped in

The Normal Case

Making the best of it

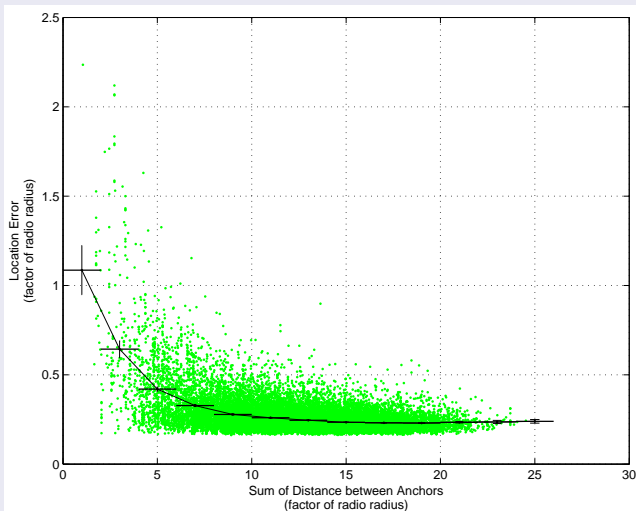


Figure: Sum of distance between anchors vs. location error for 20 random square

The End