Backbone Determination in a Wireless Sensor Network

Jake Carlson

February 18, 2018

Abstract

A report on implementing algorithms to partition a random geometric graph into bipartite subgraphs.

Contents

1	Exe	ecutive Summary		
	1.1	Introduction		
	1.2	Environment Description		
2	Reduction to Practice			
	2.1	RGG Generation		
		2.1.1 Edge Determination		
		Graph Coloring		
	2.3	Backbone Selection		
3	Res	sults Summary		

- 1 Executive Summary
- 1.1 Introduction
- 1.2 Environment Description
- 2 Reduction to Practice
- 2.1 RGG Generation
- 2.1.1 Edge Determination
- 2.2 Graph Coloring
- 2.3 Backbone Selection
- 3 Results Summary

References