SECURE DATA AGGREGATION SCHEME

FOR SENSOR NETWORKS

A Dissertation

Submitted to the Faculty

of

Purdue University

by

Kavit Shah

In Partial Fulfillment of the

Requirements for the Degree

of

Master of Science in Electrical and Electronics Engineering

December 2014

Purdue University

Indianapolis, Indiana

This is the dedication.

ACKNOWLEDGMENTS

This is the acknowledgments.

PREFACE

This is the preface.

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SYMBOLS

m mass

v velocity

ABBREVIATIONS

abbr	abbreviation
bcf	billion cubic feet
BMOC	big man on campus

NOMENCLATURE

Alanine	2-Aminopropanoic acid
Valine	2-Amino-3-methylbutanoic acid

GLOSSARY

chick female, usually young

dude male, usually young

ABSTRACT

Shah, Kavit Master, Purdue University, December 2014. Secure data aggregation scheme for sensor networks. Major Professor: Dr. Brian King.

This is the abstract.

1. INTRODUCTION

2. SECURITY/DATA AGGREGATION BACKGROUND

Cite papers read and also summarize

[1] [2]

3. SECURITY/NETWORKING/CRYPTOGRAPHY TOOLS

Hash, Elliptic curve Networking

4. IN-NETWORK DATA-AGGREGATION OVERVIEW

5. BACKGROUND ON SIA

6. A PROTOCOL FOR COMMITMENT TREE GENERATION

LIST OF REFERENCES

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[1] A. Wang, W. B. Heinzelman, A. Sinha, and A. P. Chandrakasan, "Energy-scalable protocols for battery-operated microsensor networks," *Journal of VLSI signal processing systems for signal, image and video technology*, vol. 29, no. 3, pp. 223–237, 2001.

[2] M. Ettus, "System capacity, latency, and power consumption in multihop-routed ss-cdma wireless networks," in *Radio and Wireless Conference, 1998. RAWCON 98. 1998 IEEE*. IEEE, 1998, pp. 55–58.