

University of Western Australia

FINAL YEAR PROJECT

Electromagnetic Energy Harvesting for Wireless Sensor Networks: Power Management and Conditioning for Sensors with Long Acquisition Times

George C. Knowlden

School of Electrical Engineering

Supervised by

Assoc/Prof. Adrian Keating School of Mechanical and Chemical Engineering

30 December 2017

Acknowledgments

Contents

1	Introduction	5
2	Literature Review	5
3	Methods	5
4	Results	5
5	Discussion	5
6	Conclusions	5
7	Recommendations	5
8	References	5
9	Appendices	5

List of Figures

List of Tables

Abstract

- 1 Introduction
- 2 Literature Review
- 3 Methods
- 4 Results
- 5 Discussion
- 6 Conclusions
- 7 Recommendations
- 8 References
- 9 Appendices