

Contents

List of Figures	<i>ix</i>
List of Tables	<i>xi</i>
Acknowledgments	<i>xiii</i>
1 Problem Statement	<i>1</i>
2 Background	<i>5</i>
3 The Experiment	<i>23</i>
4 Results and Conclusions	<i>31</i>
5 Extrapolations	<i>35</i>
6 Future Research	<i>39</i>
Notes	<i>43</i>
Appendices	<i>45</i>
Bibliography	<i>107</i>
Index	<i>109</i>