# SUBSET CAPACITY OF FINITE SETS AND APPLICATIONS IN COMPUTATIONAL NEUROSCIENCE

#### A Thesis

presented to

the Faculty of California Polytechnic State University,

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In Partial Fulfillment

of the Requirements for the Degree

Master of Science in Computer Science

by

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### ${\bf ABSTRACT}$

Subset Capacity of Finite Sets and Applications in Computational Neuroscience

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# Chapter 1

# INTRODUCTION