CONTENTS

LIST OF FIGURES

LIST OF SYMBOLS

$\triangle_a^b$ the difference operator, page 6

$(a, b]$ left-open right-closed intervals, page 4

$[-\infty, \infty]$ the set of extended real numbers, page 4

$\left[\vec{a}, \vec{b}\right]$ n-boxes in $\mathbb{I}^n$, page 4

$[a, b]$ closed intervals, page 4

$\mathbb{I}$ the closed unit interval, page 4

$N\left(\vec{v}\right)$ the number of i such that $v_i = a_i$, page 6

$T_{\vec{a}}$ $\prod\limits_{i=1}^{n} \left[a_i, a_i^+\right]$, page 34

V_H the volume of function H, page 6