

Table of Contents

Introduction

| | | |
|------|--|-----|
| I. | Cohomological Dimension of Fields | 1 |
| II. | On Cech Dimension Theories for Rings | 69 |
| III. | A Generalization of Cohomological Dimension for Rings | 109 |
| IV. | Number Theoretic Applications of a Cech Dimension Theory | 141 |
| | Bibliography | 172 |