



Groups and Rings

PMATH 347



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Preface

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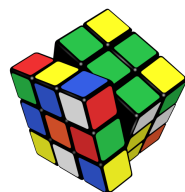
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PART I:

GROUP THEORY

It is important to realize, with or without the historical context, that the reason the abstract definitions are made is because it is useful to isolate specific characteristics and consider what structure is imposed on an object having these characteristics.

Abstract Algebra, Third Edition

Introduction to Groups

1.1 Binary Operations

week 1