

## CHAPTER OVERVIEW

### Unit 4: Group Theory

#### 4.1: Groups

##### 4.1.1: Properties of Groups

#### 4.2: Representations and Character Tables

##### 4.2.1: Matrices

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##### 4.2.3: Character Tables

#### 4.3: Application to Vibrational Spectroscopy

##### 4.3.1: Molecular Vibrations

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