

Sample LaTeX Document

Your Name

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1 Introduction

table comparing **Cations** and **Anions**

Type of Ion	Charge	Electron Status	Example
Cation	Positive	Lack of electrons (lost one or more)	Na ^{plus} , Ca ^{plus,plus}
Anion	Negative	Excess of electrons (gained one or more)	Cl ^{minus} , O ^{minus,minus}

Table 1: Comparison of Cations and Anions

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