

CHAPTER OVERVIEW

6: Group Theory with Mathcad

[6.1: Group Theory Principles Applied to H₂O](#)

[6.2: Dodecahedrane](#)

[6.3: Xenon Tetrafluoride](#)

[6.4: Diborane](#)

[6.5: Cubane](#)

[6.5.1: Buckminsterfullerene](#)

[6.6: BCl₃](#)

[6.7: Ti\(H₂O\)₆³⁺](#)

[6.8: CH₄](#)

[6.9: P₄](#)

[6.10: Tetrahedrane](#)

[6.11: PH₃](#)

[6.12: Cyclopropane](#)

[6.13: An Extensive Set of Group Theory Problems for Chemists](#)

[Index](#)

This page titled [6: Group Theory with Mathcad](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [Frank Rioux](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.