Chapter 9.4 Summary of the Rules for Quantum Numbers (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

The rules for quantum numbers are: (n) can be any positive, nonzero integral value. (l) can be zero or any positive integer but not larger than (n-1). l = 0, 1, 2, 3, 4, ….(n-1) (ml) values follow the equation. -l, +1, +2, +3, +l (ms) can be +1/2 or -1/2. It is common question to ask if a given set of quantum number follows these rule. This video contains multiple examples of this type of question.

Link to Video

Summary of the Rules for Quantum Numbers: https://youtu.be/nRsRZUsOBzE

Attribution

- Prof. Steven Farmer (Sonoma State University)