

10.4 Writing Quantum Number from Electron Configurations (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

When writing quantum numbers for electrons in a specific subshell it is important to remember that the values of n and l are given in the orbital designation. m_l can be found by drawing the individual orbitals in a subshell and inserting electrons. m_s is still either $+1/2$ or $-1/2$ but remember their assignment follows Hund's rule and the Pauli exclusion principal.

Link to Video

Writing Quantum Number from Electron Configurations: https://youtu.be/SoUhs2_YnKU



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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