

## Introduction to Conductivity

What is conductivity?

List the two principles that dictate how electrons fill orbitals

- 1.
- 2.

What are the two bands in band theory called and why?

- 1.
- 2.

What property dictates how easy or difficult electron conduction will be?

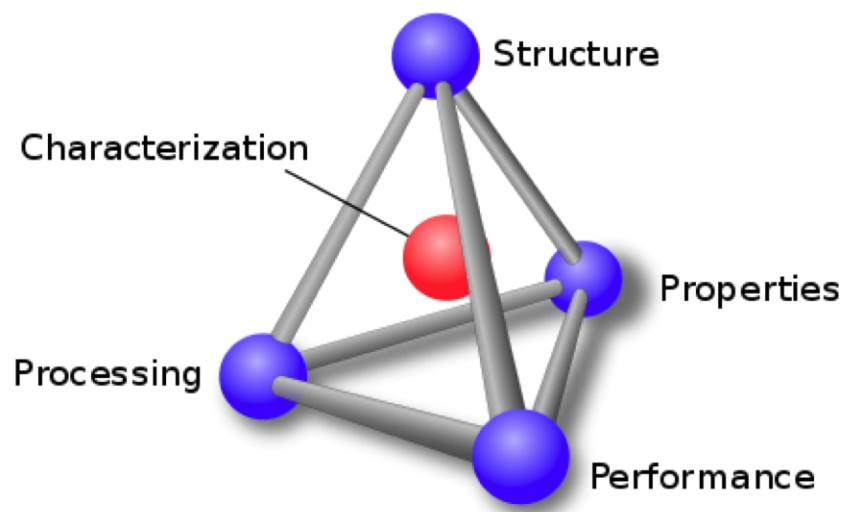
Which materials have the highest conductivity values? Give an example

What is electric current? What is its unit?

What is resistance? What is its unit?

What is Ohms law?

Which parts of the materials science tetrahedron does conductivity fall under?



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