

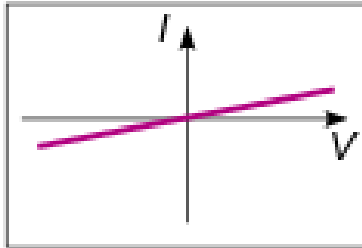
Answer to Question #74044, Physics / Electric Circuits

What is the difference between ohmic conductor and non-ohmic conductor? Give one example each and draw their IV characteristic curves.

Answer:

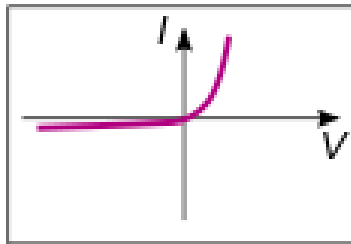
Ohmic conductor is a conductor that obeys ohm's law $U = IR$. IV characteristic of ohmic conductor is a straight line.

Example: resistor



Non-ohmic conductor is a conductor that does not obey ohm's law $U = IR$. IV characteristic of non-ohmic conductor is not a straight line.

Example: diode



Answer provided by <https://www.AssignmentExpert.com>