

Levitated Superconductor Wandering through a Magnetic Maze (1 credit)

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Abstract

- ▣ Superconductor has a remarkable characteristic of stable levitation above distributed permanent magnets without any control systems.
- ▣ The movement of a field-cooled superconductor is restricted according to the arrangement of the permanent magnets.
- ▣ We will study the basic electromagnetic characteristic of superconductor by making our own “magnetic maze”.

