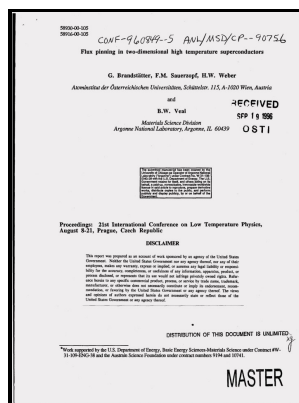


# Flux pinning in superconductors

**Springer - Peak effect of electric field and flux pinning properties in high  $T_c$  superconductors; Koon chodendotai ni okeru den kai piku koka to jisoku pinningu tokusei (Journal Article)**



Description: -

- Superconductors.

Flux pinning. Flux pinning in superconductors

- Flux pinning in superconductors

Notes: Includes bibliographical references and index.

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Tags: #flux #motion #and #flux #pinning #in #superconductors #by #Steven #C. #Sanders

## Superconductivity

Consequently, an increase in  $T_c$  is mainly determined by changes in the density of states at the Fermi level and the change in the phonon spectrum plays a minor role. Magnets can levitate over superconductors! The large relative growth of  $T_c$  can be qualitatively associated with the particularities of the NbSe<sub>2</sub> band structure, and corresponding changes of  $\lambda$ . It reveals that the values of  $n$  are found to be 1.

## Flux Pinning in Superconductors

Examples of these materials include oxidized atactic polypropylene OAPP and some titanium-borides. Summation theories to derive the critical current density are discussed in detail.

## Indigo

The has also been developing a flux pinning-based system called , which aims for a smaller form factor than existing urban rail systems. Hydrostatic pressure: A very effective approach to significantly enhance critical current density in granular iron pnictide superconductors.

## flux motion and flux pinning in superconductors by Steven C. Sanders

In addition, we found that the point pinning is more dominant than surface pinning under high pressure.

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