

# Flux Pinning In Superconductors Reprint

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*Mon, 01 May 2017 10:45:00 GMT*

flux pinning is the phenomenon where a superconductor is pinned in space ... american magnetics tutorial on magnetic field exclusion and flux pinning in superconductors.

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*Mon, 01 May 2017 09:26:00 GMT*

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flux pinning mechanisms in graphene-doped mgb ... which is the highest among the intermetallic superconductors ... we found that  $\delta T_c$  pinning is the flux pinning ...

### **FLUX PINNING MECHANISMS IN GRAPHENE-DOPED MGB<sub>2</sub> SUPERCONDUCTORS**

*Thu, 27 Apr 2017 08:19:00 GMT*

flux pinning mechanisms in graphene-doped mgb<sub>2</sub> superconductors ... flux pinning mechanisms in graphene-doped ... we measured and correlated the pinning flux ...

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meissner effect and flux pinning. ... why does the magnet stay levitating above the superconductor? well, the answer lies in flux pinning.

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flux pinning characteristics and irreversibility line in ... the flux pinning properties in high ... and represents the flux

pinning strength of superconductors.

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### **FLUX PINNING IN SUPERCONDUCTORS - SPRINGER**

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flux pinning in superconductors. authors: professor teruo matsushita dr. ... flux pinning characteristics. professor teruo matsushita dr. look inside get access. chapter

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flux-pinning-induced stress and magnetostriction in bulk superconductors ... flux-pinning-induced magnetostriction in cylindrical ... pinning in the superconductors.

### **FLUX PINNING IN SUPERCONDUCTORS OF HIGH CRITICAL TEMPERATURE**

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flux pinning in superconductors of high critical temperature ... c.j.gorter; on the partial persistence of superconductivity

### **TYPE-II SUPERCONDUCTOR - WIKIPEDIA**

*Wed, 03 May 2017 06:46:00 GMT*

in superconductivity, a type-ii superconductor is characterized by the formation of magnetic vortices in an applied magnetic field. ... flux pinning in the vortex ...

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magnetic flux structures in superconductors : extended reprint of a ... 851369231> # magnetic flux structures in superconductors : ... theories -- flux pinning ...

### **MATERIALS AND CONFIGURATIONS IN SUPERCONDUCTING MAGNETS\***

*Mon, 10 Apr 2017 09:15:00 GMT*

dependent "pinning force" determined by the defect structure of the superconductor. this "flux jump" or "flux flow" resistance yields power ... (fl) and pinning ...

### **SUPERCONDUCTIVITY - AMERICAN MAGNETICS**

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superconductivity. superconductivity is ... this phenomenon, known as flux pinning, causes a field gradient in the superconductor and gives rise to a net current in ...

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nasa technical reports server (ntrs) 19920012392: rigid levitation, flux pinning, ... titel: flux pinning in superconductors. suche verfeinern. treffer (1 ...

**FLUX PINNING IN SUPERCONDUCTORS (EBOOK, 2007) [WORLDCAT]**

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*Tue, 28 Mar 2017 20:58:00 GMT*

the collective flux pinning force in (sm 0.5 eu 0.5)ba 2 cu 3 o 7 ... c superconductors have a short coherence length ...

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