

Flux Pinning In Superconductors Reprint

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FLUX PINNING IN SUPERCONDUCTORS - MATSUSHITA, TERUO ...

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flux pinning in superconductors. ... the influence of the flux pinning on the vortex phase diagram in high temperature superconductors is discussed and the ... 2 reprint; hpb ...

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FLUX PINNING MECHANISMS IN GRAPHENE-DOPED MGB₂ SUPERCONDUCTORS

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flux pinning mechanisms in graphene-doped mgb ... which is the highest among the intermetallic superconductors ... we found that δt_c pinning is the flux pinning ...

FLUX PINNING MECHANISMS IN GRAPHENE-DOPED MGB₂ SUPERCONDUCTORS

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flux pinning mechanisms in graphene-doped mgb₂ superconductors ... flux pinning mechanisms in graphene-doped ... we measured and correlated the pinning flux ...

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magnetic flux motion and flux pinning in superconductors steven c. sanders iowa state university follow this and additional works at: ...

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flux pinning in superconductors. teruo matsushita ... superconductor smaller than the pinning correlation length called campbell's ac penetration depth.

FLUX PINNING IN SUPERCONDUCTORS | TERUO MATSUSHITA | SPRINGER

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the book covers the flux pinning mechanisms and properties and the electromagnetic phenomena caused by the flux pinning common ... flux pinning in superconductors

FLUX PINNING ON NANO-SIZED DEFECTS AND CRITICAL CURRENT IN ...

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flux pinning on nano-sized defects and critical current in htc superconductors ... high temperature superconductors, flux pinning, ...

MEISSNER EFFECT AND FLUX PINNING - IMAGES SI INC.

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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.

FLUX PINNING CHARACTERISTICS AND IRREVERSIBILITY LINE IN ...

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

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

MAGNETIC FLUX STRUCTURES IN SUPERCONDUCTORS : EXTENDED ...

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magnetic flux structures in superconductors : ... on magnetic flux structures in superconductors ... flux structures in superconductors : extended ...

TYPE-II SUPERCONDUCTOR - WIKIPEDIA

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

FLUX PINNING - SPRINGER

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in our discussion of flux motion induced by the lorentz force or the thermal force we have seen that for flux ... flux pinning can keep the superconductor ... reprint ...

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 ...

FLUX-PINNING-INDUCED STRESS AND MAGNETOSTRICTION IN BULK ...

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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 AND CRITICAL CURRENTS IN MELT PROCESSED ...

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flux pinning and critical currents in melt processed ybaco superconductors ... through the superconductor so long as the flux pinning force(fp) is greater than the

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flux pinning by platinum and rhodium in high temperature superconductors ... effective means for the production of superconductors ... increased flux pinning ...

ENHANCEMENT OF FLUX PINNING FOR SUPERCONDUCTORS WITH $\kappa = 1$...

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enhancement of flux pinning for superconductors with $\kappa = 1/\sqrt{2}$... the remanent induction b_r , as defined in fig. 1, is a measure of flux pinning.

SCALING LAWS FOR FLUX PINNING IN HARD SUPERCONDUCTORS

Sun, 09 Apr 2017 12:29:00 GMT

scaling laws for flux pinning in hard superconductors edward j. kramer ... a milestone in the phenomenology of flux pinning was the paper by fietz and webb.

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