

Studies Of Josephson Junction Arrays (Studies Of High Temperature Superconductors) (Vol 39)

Dynamics of one-dimensional Josephson- junction -

Abstract. We study the dynamics of one-dimensional arrays of Josephson junctions connected in parallel by superconducting wires. These arrays are model systems for <http://www.sciencedirect.com/science/article/pii/S0167278998000785>

Recent Achievements on the Physics of High-T_c -

Coherent passage of Cooper pairs in a Josephson junction (JJ) above the liquid nitrogen temperature has been the first impressive revolutionary effect induced by high

<http://publications.lib.chalmers.se/publication/172873-recent-achievements-on-the->

[physics-of-high-t-csuperconductor-josephson-junctions-background-perspect](http://www.sciencedirect.com/science/article/pii/S0921453406000402)

Study and operating conditions of HTS Josephson -

Abstract. We report an experimental study of metrological properties of high-temperature superconductor arrays, made of shunted bicrystal YBCO Josephson junctions.

<http://www.sciencedirect.com/science/article/pii/S0921453406000402>

Some Contemporary and Prospective Applications of -

the intrinsic Josephson junctions in high temperature intrinsic Josephson junction array, temperature superconductors, many studies have

<http://www.intechopen.com/books/applications-of-high-tc-superconductivity/some-contemporary-and-prospective-applications-of-high-temperature-superconductors>

THERMAL AND MAGNETIC FIELD DEPENDENCE OF THE -
THERMAL AND MAGNETIC FIELD DEPENDENCE OF THE CRITICAL CURRENT OF 3D DISORDERED JOSEPHSON JUNCTIONS ARRAYS of either low or high-temperature superconductors.

<http://ing.univaq.it/energeti/research/Fisica/contributions/LFilhoP.pdf>

Chapter 5 Intrinsic Josephson Tunneling in High- -

in High-Temperature Superconductors To study the intrinsic tunneling effects, radiation from large arrays of Josephson junction repeatedly failed,

http://link.springer.com/content/pdf/10.1007%2F978-3-642-15137-8_5.pdf

Josephson Junction Arrays with Bose-Einstein -

current in a one-dimensional array of Josephson junctions realized with an Junction Arrays with Bose-Einstein Advanced Studies

http://www.academia.edu/7808071/Josephson_Junction_Arrays_with_Bose-Einstein_Condensates

A Study of high-Tc Superconductor Submicron -

HTS Submicron Josephson Junction Devices: This book is focused on the study of submicron Josephson junctions fabricated in high-temperature superconductors

<http://www.amazon.it/high-Tc-Superconductor-Submicron-Josephson-Junction/dp/365922779X>

Intrinsic Josephson tunneling for basic studies of -

High-temperature superconductors superconductor insulator superconductor (SIS) Josephson junctions. part of high-temperature superconductivity

<http://www.sciencedirect.com/science/article/pii/S1567173901000499>

Theoretical Studies of Josephson Arrays, High -

David Stroud, Ohio State University up to about half room temperature. Recent studies show that Arrays, High Temperature Superconductors,

<http://www.physics.ohio-state.edu/~stroud/stroud0413395a1.ppt>

Title: Dynamics of two-dimensional Josephson -

Jul 23, 2002 Title: Dynamics of two-dimensional Josephson junction arrays.

Authors: Md. Ashrafuzzaman, Hans Beck Studies of High Temperature Superconductors,

<http://arxiv.org/abs/cond-mat/0207572>

CiteSeerX Citation Query Phase-sensitive tests -

state in high-temperature superconductors of hybrid Josephson junctions, connecting high-T_c and junctions, complex arrays of

<http://citeseerx.ist.psu.edu/showciting?cid=8261429>

Tests of SNIS Josephson Arrays Cryocooler -

Tests of SNIS Josephson Arrays since arrays of Josephson junctions for voltage standard applications made with high-temperature superconductors are not

<http://link.springer.com/article/10.1007/s10948-014-2779-6>

Topics in the theory of periodic composites and -

Topics in the theory of periodic composites and Josephson we explore dynamical phase transitions at temperature Our second Josephson junction array study

http://www.academia.edu/5000824/Topics_in_the_theory_of_periodic_composites_and_Josephson_junction_arrays

Intrinsic Josephson tunneling in high- temperature -

intrinsic Josephson junctions formed tunneling in high-temperature superconductors. an array of typically 5-30 intrinsic Josephson junctions

<http://publications.lib.chalmers.se/publication/129169-intrinsic-josephson-tunneling-in-high-temperature-superconductors>

The Superconductor-to-Insulator Transition in -

Resistively-Shunted Josephson-Junction Arrays . Anuj Girdhar . as they are a perfect playground for the study of such as high-temperature superconductors or

http://guava.physics.uiuc.edu/~nigel/courses/563/Essays_2010/PDF/girdhar.pdf

Title: Chemically Induced Nanoscale Josephson -

Sep 01, 2005 Non-Stoichiometric High-Temperature by 2D Josephson junction arrays which of Studies of High-Temperature Superconductors,

<http://arxiv.org/abs/cond-mat/0509057>

Cryocooler operation of SNIS Josephson arrays for -

arrays of Josephson junctions made with high made with high temperature superconductors for voltage temperature was used to study the

http://iopscience.iop.org/1742-6596/507/4/042040/pdf/1742-6596_507_4_042040.pdf

Superconductive Electronic Devices Using Flux -

Superconductive Electronic Devices Using Flux using long junctions and junction arrays have HIGH TEMPERATURE SUPERCONDUCTORS, JOSEPHSON

<http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA295627>

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Dynamic scaling for 2D superconductors, Josephson -

from superconductors, Josephson Junction arrays diagram in the high-temperature superconductors. scaling for 2D superconductors, Josephson

http://www.academia.edu/9542754/Dynamic_scaling_for_2D_superconductors_Josephson_junction_arrays_and_superfluids

Terahertz wave emission from intrinsic Josephson -

High temperature superconductors. Terahertz wave emission from intrinsic Josephson junctions in high- T c emission properties of a planar array of two Bi 2

<http://m.iopscience.iop.org/0953-2048/22/11/114009>

Studies of high temperature superconductors : -

Studies of high temperature superconductors : advances in research and Studies of high temperature superconductors. Studies of Josephson junction arrays.

<http://www.worldcat.org/title/studies-of-high-temperature-superconductors-advances-in-research-and-applications/oclc/19947216>

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<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6939650>

Dynamic Studies of Proximity Coupled Josephson -

Abstract The results of dynamic studies of proximity coupled Josephson junction arrays are presented. Five different array sizes (1 x 1, 4 x 4, 9 x 9, 24 x 24, and <http://adsabs.harvard.edu/abs/1993PhDT.....175H>

josephson junction array -

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Studies of Josephson junction arrays (Book, 2001) -

Studies of Josephson junction arrays. Huntington, # Studies of Josephson junction arrays schema:name " Studies of high temperature superconductors ;" ; <http://www.worldcat.org/title/studies-of-josephson-junction-arrays/oclc/50548724>

Study of closely spaced YBa₂Cu₃O₇-? -

Study of closely spaced YBa₂Cu₃O₇- Josephson junction pairs high-temperature superconductors; superconducting arrays; superconductor-normal-superconductor

<http://ieeexplore.ieee.org/xpl/abstractKeywords.jsp?reload=true&arnumber=1439598>

Collapse of superconductivity in a hybrid -

For a Josephson junction array with hybrid graphene coupled to superconductors is the ideal platform to study such Are high-temperature superconductors <http://www.nature.com/articles/nphys2929>

Studies of Josephson Junction Arrays II (Studies -

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Novel Effects in High-Tc Granular Superconductors Predicted via in "Studies of High-Temperature Superconductors", that Josephson Junction Arrays

<http://adsabs.harvard.edu/abs/2001cond.mat..6068S>

Vortex structure and dynamics in Josephson -

Vortex structure and dynamics in Josephson junction arrays: study of artificially fabricated Josephson to high temperature superconductors,

<http://adsabs.harvard.edu/abs/1997PhDT.....291H>

SciTech Connect: Development, characterization, -

SciTech Connect; Search Results; Technical Report: Development, characterization, and applications of high temperature superconductor nanobridge Josephson junctions

<http://www.osti.gov/scitech/servlets/purl/10132512>

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Additional Physical Format: Online version: Studies of Josephson junction arrays. Huntington, N.Y. : Nova Science Publishers, [2001] (OCoLC)760309181

<http://www.worldcat.org/title/studies-of-josephson-junction-arrays/oclc/50548724>

Metrological Study of YBCO Josephson Junction -

The application of high temperature superconductor Josephson junctions to voltage metrology is promising for many reasons, beyond the evident advantage of simplified

<http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.ieee-000004277728>