

# Flux Pinning And AC Loss Studies On YBCO Coated Conductors

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**AC Losses - Department of Materials Science and -**

of multifilamentary YBCO for low AC loss coated conductors AC losses in striated YBCO coated conductors AC losses and Flux Pinning and

<http://www.msm.cam.ac.uk/ascg/characterisation/aclosses.php>

**High-Temperature Superconductor Materials, -**

Pris 915 kr. K p High-Temperature Superconductor Materials, Devices, and Flux Pinning and AC Loss Studies on YBCO Applications of Bulk and Tape Conductors.

<http://www.bokus.com/bok/9781574981810/high-temperature-superconductor-materials-devices-and-applications/>

**Improving YBCO Coated Conductors for Applications -**

The YBCO coated conductor is expected to be a method for providing magnetic flux pinning to increase the current Conductors 6.0 Alternating current power

<http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.2192378>

**Flux- Pinning Centers In Metal-Organic Deposited -**

Flux-Pinning Centers In Metal-Organic Deposited YBCO Coated Conductors: New Zealand), AC(Industrial Research artificial flux-pinning centers in metal

<http://adsabs.harvard.edu/abs/2009AIPC.1151...82S>

**Flux Pinning in Superconductors (Springer Series -**

Flux Pinning in Superconductors (Springer Series in Solid-State Sciences) Irreversible magnetization and AC loss caused by the flux pinning are also discussed.

<http://www.amazon.com/Pinning-Superconductors-Springer->

[Solid-State-Sciences/dp/3642453112](http://www.afmc.af.mil/news/story.asp?id=123026612)

**Research Lab announces 2006 fellows - AF -**

News > Research Lab announces 2006 fellows: especially in flux pinning and ac loss. (YBCO) coated conductor.

<http://www.afmc.af.mil/news/story.asp?id=123026612>

**Flux Pinning and AC loss Studies on YBCO Coated -**

Table of Contents: Preface Section I - Introduction  
Chapter 1 - Flux Pinning and AC Loss in Second  
Generation High Temperature Superconductor Wires; pp.  
3-10

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**AC Losses and Flux Pinning and Formation of -**

AC Losses and Flux Pinning and Formation of Stripe Phase  
by A V Narlikar, Anant Narlikar (Editor) starting at  
\$182.95. AC Losses and Flux Pinning and Formation of

<http://www.alibris.com/AC-Losses-and-Flux-Pinning-and-Formation-of-Stripe-Phase-A-V-Narlikar/book/88320>

**An improved FEM model for computing transport AC -**

Duckworth R 2007 Flux Pinning and AC Loss Studies on  
YBCO Coated Oomen M P 2007 Flux Pinning and AC Loss  
Studies on YBCO Coated Conductors ed M P

<http://iopscience.iop.org/0953-2048/24/4/045005/refs>

**Critical current density and flux pinning in -**

It is found that silver enhances flux pinning in the in  
silver/superconductor composites and AC field dependence  
of the loss peaks in the

<http://www.sciencedirect.com/science/article/pii/S092145349192183C>

**COMPEL - The international journal for computation -**

The international journal for computation and  
mathematics dynamics of the flux penetration for AC Loss  
Studies on YBCO Coated Conductors

<http://www.emeraldinsight.com/doi/full/10.1108/033216411>

[11101195](#)

**Report on EOARD Contract No F61775-01-WE92 31Oct -**  
Extension to AC Loss Minimisation in High Temperature  
Superconductors AC loss measurements of YBCO coated  
conductors on AC Losses and Flux Pinning

<http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA405431>

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<http://www.chegg.com/homework-help/homework-help/flux-pinning-and-ac-loss-studies-on-ybco-coated-conducters-solutions-14732>

**Chemical Solution Deposition Based Oxide Buffers -**  
Chemical Solution Deposition Based Oxide Buffers and  
YBCO Coated Conductors to increase the flux pinning  
properties of YBCO superconductor and to

<http://www.intechopen.com/download/pdf/16191>

**CURRICULUM VITAE FOR KANAME MATSUMOTO -**

CURRICULUM VITAE FOR KANAME MATSUMOTO Flux Pinning in  
YBCO and SmBCO films in Flux Pinning and AC loss Studies  
on YBCO Coated Conductors ed. M. P. Paranthaman

[http://www.jst.go.jp/sicp/ws2009\\_splst/cv/05.pdf](http://www.jst.go.jp/sicp/ws2009_splst/cv/05.pdf)

**Flux Pinning in Superconductors | Teruo -**

The book covers the flux pinning Irreversible  
magnetization and AC loss caused by the flux pinning  
reversible flux motion inside pinning

<http://www.springer.com/us/book/9783642453113>

**Strongly enhanced flux pinning in one-step -**

flux pinning has been also one of the most important  
Maiorov B. & Civale L. in Flux Pinning and AC Loss  
Studies on YBCO Coated Conductors. eds

<http://europepmc.org/articles/PMC3791461>

**Flux Pinning and AC Loss Studies on YBCO Coated -**

Flux Pinning and AC Loss Studies on YBCO Coated  
Conductors Paranthaman, M. Paran in Books, Magazines,  
Non-Fiction Books | eBay

<http://www.ebay.com.au/itm/Flux-Pinning-and-AC-Loss-Studies-on-YBCO-Coated-Conductors-Paranthaman-M-Paran-/311397798288>

**Michael Sumption | Materials Science and -**

" AC Loss For YBCO Coated Conductor In Current, Flux  
Pinning, and Hysteretic Loss in Round Magnetic Studies  
of AC Loss in Pressurized

<https://mse.osu.edu/people/sumption.3>

**Modeling and Electrical Measurement of Transport -**

Index Terms AC loss, coated conductors, Duckworth, AC  
losses in RABiTS-based conductors, in Flux Pinning and  
AC Loss Studies on YBCO Coated Conductors

[http://www.academia.edu/347514/Modeling\\_and\\_Electrical\\_Measurement\\_of\\_Transport\\_AC\\_Loss\\_in-HTS-based\\_Superconducting\\_Coils\\_for\\_Electric\\_Machines](http://www.academia.edu/347514/Modeling_and_Electrical_Measurement_of_Transport_AC_Loss_in-HTS-based_Superconducting_Coils_for_Electric_Machines)

**New Research on YBCO Superconductors -**

Flux Pinning and AC loss Studies on YBCO Coated and  
YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> (Tc Chapter 8 - EMBEDDING NANOPARTICLES AS  
FLUX PINNING SITES INTO MELT-TEXTURED YBCO

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**AFRL-RZ-WP-TP-2012-0123 - Defense Technical -**

IMPROVING YBCO COATED CONDUCTORS FOR APPLICATIONS P. N. Barnes<sup>1</sup>, B. C. Harrison<sup>1</sup>, J. W. Kell<sup>1</sup>, G. A. Levin<sup>1</sup> and M. D. Sumption<sup>2</sup> <sup>1</sup> Air Force Research Laboratory

<http://www.dtic.mil/dtic/tr/fulltext/u2/a560803.pdf>

**Flux Pinning and AC Loss Studies on Ybco Coated -**

Flux Pinning and AC Loss Studies on Ybco Coated Conductors by M P Paranthaman starting at \$223.36. Flux Pinning and AC Loss Studies on Ybco Coated Conductors has 1

<http://www.alibris.com/Flux-Pinning-and-AC-Loss-Studies-on-Ybco-Coated-Conductors-M-P-Paranthaman/book/10571670>

**Flux Pinning in Superconductors - Kobo Inc -**

Flux Pinning in Superconductors Irreversible magnetization and AC loss caused by the flux pinning are also discussed. The loss etc. Significant reduction in

<https://store.kobobooks.com/en-US/ebook/flux-pinning-in-superconductors>