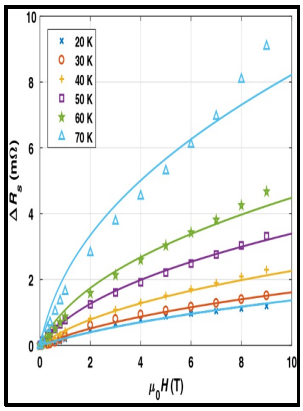
Room temperature degradation of YBa2Cu307x superconductors in varying relative humidity environments

Langley Research Center - Tuesday AM Session Abstracts



Description: -
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Humidity
High temperature superconductors
DecompositionRoom temperature degradation of YBa2Cu307x superconductors in varying relative humidity environments
-Room temperature degradation of YBa2Cu307x superconductors in varying relative humidity environments
Notes: Includes bibliographical references; p. 12.
This edition was published in 1993

Tags: #Electrical, #Photocatalytic, #and #Humidity #Sensing #Applications #of #Mixed #Metal #Oxide #Nanocomposites

APCIS

They will make use of large, sensitive detector arrays with low-power dissipation array readout electronics. Benci, Wayne State University, Dept. Systems for digital modulations, measurement and diagnostic signal processing and etc.

Environmental considerations for application of high Tc superconductors in space

Another advantage of the invention is that it provides a method for bonding a wide variety of substrate materials with a bonding material in which the substrate materials are insoluble.

Science varia: 2012

Three samples were collected from gowning area and three samples were collected from the cleanroom. Wireless sensors controlled from EPICS 2.

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A porous substrate material provided in step 1000 may have pores or voids of any shape which allow at least partial penetration of a liquid or slurry within at least one of the plurality of pores of the porous substrate. Using the technique of Example III, the concentration of SiO 2 or silicate in the bonding material solution preferably approaches a maximal value for a given temperature. Automatic selection, setting and atitaikymas all clusters interval from 15N to 31P.

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