Superconducting magnetic energy storage braking of EMU

Waveguide integrated superconducting nanowire single-photon detectors for integrated photonics, Raj, Vidur, Azem, Adan, Patterson, Max, Namburi, Devendra Kumar, ...

SUPPORTS OPEN ACCESS Superconductor Science and Technology is a truly multidisciplinary journal providing an essential forum for members of the superconductivity research community.

This paper reports the research status of UHF superconducting magnets in China from different perspectives, including design options, technical features, experimental ...

This work aims at designing, fabricating and testing a type of high-temperature superconducting (HTS) magnets with cooling-power-free and persistent-current operation for ...

This marks the inaugural demonstration of a superconducting in-memory computing architecture through memristor coupling, offering a promising hardware platform for ...

This puzzling observation could be understood in either of the following two cases: (1) both the superconducting and non-superconducting phases in the sample exhibit linear- T resistivity, or ...

In this work we review the recent advances on superconducting phenomena in junctions formed by superconductors and unconventional magnets (UM). Conventional ...

Chapter 1 provides a general introduction and historical perspective on the phenomenon of superconductivity, and to the so-called low- T c materials.

4. Superconducting temperature and search for room-temperature superconductivity 4.1. Upper limit to Tc We

now discuss the implications of the upper bound of ...

This review paper illustrates the main normal and superconducting state properties of magnesium diboride, a material known since the early 1950s but only recently discovered to ...

Web: https://ferraxegalicia.es