

Ho Min Kim's 91 research works with 876 citations and 9,574 reads, including: Operational characteristics of active rotating-type contactless superconducting field exciter for high ...

The application of high-temperature superconducting (HTS) equipment faces challenges that thick current leads connecting superconducting devices with external power sources will generate ...

Dynamic resistance loss of the high temperature superconducting coil for superconducting magnetic energy storage Chao LiYuying XingFengrui GuoNing LiYing XinBin Li Physics, ...

Experimental results have verified the theoretical analysis. The proposed mechanically operated HTS energy converter is easily controllable, making it promising in various of applications, ...

5 ???· All research papers published on this website are licensed under Creative Commons Attribution-ShareAlike 4.0 International License, and all rights belong to their respective ...

The physical principles of contactless suspension and its application in the superconducting energy storage and other promising devices and appliances are examined. The perspective of ...

Request PDF | On Aug 1, 2023, Hongye Zhang and others published A superconducting wireless energiser based on electromechanical energy conversion | Find, read and cite all the research ...

Keywords - Alternative energy, superconducting energy storage, HTS-technologies, contactless suspension, local electric networks (LEN), optimization of energy flows I. INTRODUCTION

We have been developing superconducting magnetic bearing for flywheel energy storage system to be applied to the railway system. The bearing consists of a superconducting coil as a stator ...

Request PDF | On Jun 1, 2011, Jisung Lee and others published Concept of Cold Energy Storage for Superconducting Flywheel Energy Storage System | Find, read and cite all the research ...

Keywords - Alternative energy, superconducting energy storage, HTS-technologies, contactless suspension, local electric networks (LEN), optimization of energy flows I. INTRODUCTION The ...

Xu, Analysis of the loss and thermal characteristics of a SMES (Superconducting Magnetic Energy Storage) magnet with three practical operating conditions, Energy, No 143, ?. 372



Contactless superconducting energy storage



Contactless superconducting energy storage

Web: <https://profbismed.pl>