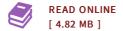


Development and Testing of an Axial Halbach Magnetic Bearing

By -

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. The NASA Glenn Research Center has developed and tested a revolutionary Axial Halbach Magnetic Bearing . The objective of this work is to develop a viable non-contact magnetic thrust bearing utilizing Halbach arrays for allelectric flight, and many other applications. This concept will help to reduce harmful emissions, reduce the Nation s dependence on fossil fuels and mitigate many of the concerns and limitations encountered in conventional axial bearings such as bearing wear, leaks, seals and friction loss. The Axial Halbach Magnetic Bearing is inherently stable and requires no active feedback control system or superconductivity as required in many magnetic bearing designs. The Axial Halbach Magnetic Bearing is useful for very high speed applications including turbines, instrumentation, medical systems, computer memory systems, and space power systems such as flywheels. Magnetic fields suspend and support a rotor assembly within a stator. Advanced technologies developed for particle accelerators, and currently under development for maglev trains and rocket launchers, served as the basis for this application. Experimental hardware was successfully designed and developed to validate the basic principles and analyses. The report...



Reviews

This ebook might be worth a read, and superior to other. It is probably the most amazing publication we have read. Your lifestyle period will likely be transform once you total looking over this publication.

-- Alana McCullough

It in a single of the best ebook. I am quite late in start reading this one, but better then never. I am delighted to inform you that here is the greatest ebook i have got read through inside my very own daily life and may be he best book for at any time. -- Eunice Schulist

Related Books

Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...

Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...

\equiv
-)

I will read poetry the (Lok fun children's books: Press the button. followed by the standard phonetics poetry 40(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown Publisher: the Future Publishing basic information Original Price: 88.00 yuan Author: Publisher: Future Publishing ISBN: 9.787.541.745.522 Yema:...

Ξ	

Cloverleaf Kids: Kids and adults alike will enjoy these hilarious stories and antics of me,my siblings and our friends growing up in a small town in . over & over and always got a good laugh. CreateSpace Independent Publishing Platform. PAPERBACK. Book Condition: New. 1482737256 Special order direct from the distributor.

-)

TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...

-

TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...