A Multi-Mode Blade Damping Control Using Shunted Piezoelectric Transducers with Active Feedback Structure



Filesize: 1.48 MB

Reviews

These sorts of pdf is the greatest pdf available. It really is writter in simple words and never difficult to understand. I am just very easily could get a delight of studying a written ebook.

(Mr. Allen Cassin)

A MULTI-MODE BLADE DAMPING CONTROL USING SHUNTED PIEZOELECTRIC TRANSDUCERS WITH ACTIVE FEEDBACK STRUCTURE



BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 34 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.The Structural Dynamics and. Mechanics branch (RXS) is developing smart adaptive structures to improve fan blade damping at resonances using piezoelectric (PE) transducers. In this presentation, only one shunted PE transducer was used to demonstrate active control of multi-mode blade resonance damping on a titanium alloy (Ti-6A1-4V) flat plate model, regardless of bending, torsion, and 2-stripe modes. This work would have a significant impact on the conventional passive shunt damping world because the standard feedback control design tools can now be used to design and implement electric shunt for vibration control. In other words, the passive shunt circuit components using massive inductors and. resistors for multi-mode resonance control can be replaced with digital codes. Furthermore, this active approach with multi patches can simultaneously control several modes in the engine operating range. Dr. Benjamin Choi presented the analytical and experimental results from this work at the Propulsion-Safety and. Affordable Readiness (P-SAR) Conference in March, 2009. This item ships from La Vergne,TN. Paperback.

- Read A Multi-Mode Blade Damping Control Using Shunted Piezoelectric Transducers with Active Feedback Structure Online
- Download PDF A Multi-Mode Blade Damping Control Using Shunted Piezoelectric Transducers with Active Feedback Structure

You May Also Like



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

Save eBook »



A Kindergarten Manual for Jewish Religious Schools; Teacher's Text Book for Use in School and Home

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Save eBook »



Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children

Paperback, Book Condition: New.

Save eBook »



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Save eBook »



Summer the 25th anniversary of the equation (Keigo Higashino shocking new work! Lies and true Impenetrable(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 in Publisher: Modern Publishing Basic information Original Price: 28.00 yuan...

Save eBook »



Brown Paper Preschool: Pint-Size Science: Finding-Out Fun for You and Young Child

Book Condition: Brand New. Book Condition: Brand New.

Save Book »



Everything Your Baby Would Ask: If Only He or She Could Talk

Golden Books Pub Co (Adult), 1999. Hardcover. Book Condition: New. HARDCOVER, BRAND NEW COPY, Perfect Shape, Not a Remainder, No Black Remainder Mark BG-1007Fast Shipping With Online Tracking, International Orders shipped Global Priority Air Mail,

Save Book »



Now and Then: From Coney Island to Here

Alfred A. Knopf. Hardcover. Book Condition: New. 0375400621 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Save Book »



Creative Thinking and Arts-Based Learning: Preschool Through Fourth Grade

Book Condition: Brand New. Book Condition: Brand New.

Save Book »



My Big Book of Bible Heroes for Kids: Stories of 50 Weird, Wild, Wonderful People from God's Word

Shiloh Kidz. PAPERBACK. Book Condition: New. 1634093151 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE.

Save Book