

Download eBook

PRE-STALL BEHAVIOR OF A TRANSONIC AXIAL COMPRESSOR STAGE VIA TIME-ACCURATE NUMERICAL SIMULATION



Pre-Stall Behavior of a Transonic Axial Compressor Stage via Time-Accurate Numerical Simulation

NASA Technical Reports Server (NTRS), et al., Jen-Ping Chen

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. CFD calculations using high-performance parallel computing were conducted to simulate the pre-stall flow of a transonic compressor stage, NASA compressor Stage 35. The simulations were run with a full-annulus grid that models the 3D, viscous, unsteady blade row interaction without the need for an artificial inlet distortion to induce stall. The simulation demonstrates the development of the rotating stall from the...

Read PDF Pre-Stall Behavior of a Transonic Axial Compressor Stage Via Time-Accurate Numerical Simulation

- Authored by Jen-Ping Chen
- Released at -



Filesize: 6.51 MB

Reviews

This created publication is excellent. It generally does not price a lot of. You may like just how the writer create this pdf.

-- **Jo Kuhlman**

Great e-book and helpful one. It usually fails to cost an excessive amount of. I discovered this publication from my dad and i encouraged this pdf to find out.

-- **Meagan Beahan**

A whole new e book with a brand new perspective. Indeed, it is enjoy, continue to an interesting and amazing literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Ebba Hilll**
