

[Get PDF](#)

## COMPRESSIBILITY CONSIDERATIONS FOR KAPPA-OMEGA TURBULENCE MODELS IN HYPERSONIC BOUNDARY LAYER APPLICATIONS (PAPERBACK)



Compressibility Considerations for Kappa-Omega Turbulence Models in Hypersonic Boundary Layer Applications

NASA Technical Reports Server (NTRS), C. L. Rumsey

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The ability of kappa-omega models to predict compressible turbulent skin friction in hypersonic boundary layers is investigated. Although uncorrected two-equation models can agree well with correlations for hot-wall cases, they tend to perform progressively worse - particularly for cold walls - as the Mach number is increased in the hypersonic regime. Simple algebraic models such as Baldwin-Lomax perform...

**Download PDF Compressibility Considerations for Kappa-Omega Turbulence Models in Hypersonic Boundary Layer Applications (Paperback)**

- Authored by C L Rumsey
- Released at 2013



Filesize: 8.91 MB

### Reviews

*The most effective publication i ever study. I am quite late in start reading this one, but better then never. You wont sense monotony at whenever you want of your time (that's what catalogs are for concerning in the event you ask me).*

-- Prof. Erin Larson I

*Comprehensive manual for pdf fans. It is full of wisdom and knowledge You will like how the writer publish this book.*

-- Mr. Ezequiel Rolfson

## Related Books

[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,...](#)

[Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of...](#)

[A Year Book for Primary Grades; Based on Froebel's Mother Plays \(Paperback\)](#)  
[Who Am I in the Lives of Children? an Introduction to Early Childhood Education,](#)  
[Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package](#)

[How to Make a Free Website for Kids \(Paperback\)](#)