

## Find Book

# NUMERICAL SIMULATION OF SHOCK/TURBULENT BOUNDARY LAYER INTERACTION (PAPERBACK)



Independently Published, United States, 2018. Paperback. Condition: New. Language: English. Brand new Book. Most flows of aerodynamic interest are compressible and turbulent. However, our present knowledge on the structures and mechanisms of turbulence is mostly based on incompressible flows. In the present work, compressibility effects in turbulent, high-speed, boundary layer flows are systematically investigated using the Direct Numerical Simulation (DNS) approach. Three-dimensional, time-dependent, fully nonlinear, compressible Navier-Stokes equations were numerically integrated by high-order finite-difference methods; no modeling for turbulence is...

**Download PDF Numerical Simulation of Shock/Turbulent Boundary Layer Interaction (Paperback)**

- Authored by National Aeronautics and Space Adm Nasa
- Released at 2018



Filesize: 6.04 MB

## Reviews

---

*This book is definitely worth acquiring. It normally will not cost excessive. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Prof. Leonard Beahan DVM**

*Very helpful to all of category of people. It really is full of knowledge and wisdom I am quickly can get a satisfaction of reading through a written ebook.*

-- **Ms. Maude Heller Sr.**

---

## Related Books

- [Elements Of Optoelectronics & Fiber Optics \(Pb: Chen](#)
- [Nessus Network Auditing: Beale Jay Et Al](#)
- [THE WADSWORTH GUIDE TO RESEARCH 2ED \(IE\): MILLER-COCHRAN S](#)
- [K](#)
- [A Valentine's Day Romance](#)
- [\(Paperback\)](#)
- [College Admission Essays For Dummies](#)
- [\(Paperback\)](#)