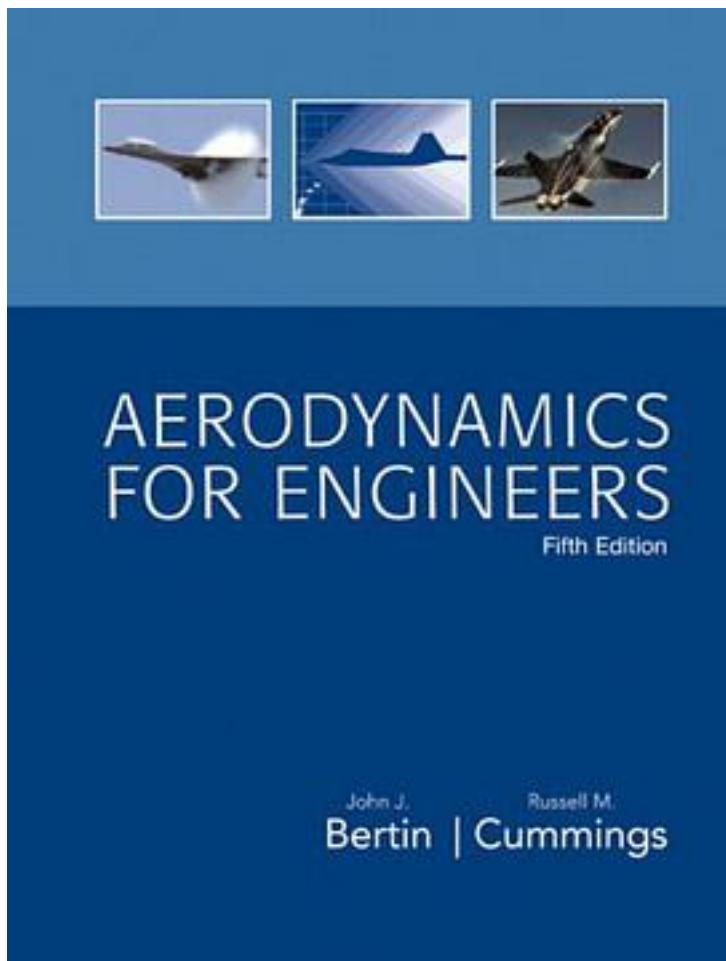


Aerodynamics for Engineers



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KEY BENEFIT : From low-speed through hypersonic flight, this book merges fundamental fluid mechanics, experimental techniques, and computational fluid dynamics techniques to build a solid foundation in aerodynamic applications. Many

references are recent publications by the world's finest aerodynamicists with expertise in subsonic, transonic, supersonic, and hypersonic aerodynamics. KEY TOPICS : Starts the new edition with a fun, readable, and motivational presentation on aircraft performance using material on Specific Excess Power (taught to all cadets at the U.S. Air Force Academy). Adds new sections to later chapters, presenting new real-world applications. Includes a CD-ROM with Excel spreadsheets to solve a wide range of problems showing simple CFD applications, experimental correlations, and more. A useful reference for professionals in the aeronautics industry.

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