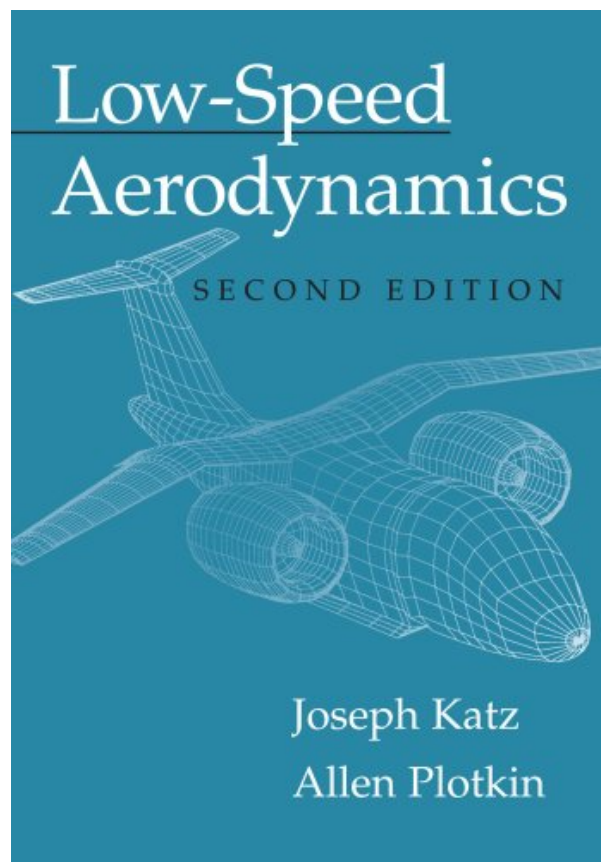


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"This is a thoroughly modern and up-to-date high level academic textbook ... highly recommended." The Aeronautica Journal

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About the Author

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Low-speed aerodynamics is important in the design and operation of aircraft flying at low Mach number, and ground and marine vehicles. This text offers a modern treatment of both the theory of inviscid, incompressible, and irrotational aerodynamics, and the computational techniques now available to solve complex problems. A unique feature is that the computational approach--from a single vortex element to a three-dimensional panel formulation--is interwoven throughout. This second edition features a new chapter on the laminar boundary layer (emphasis on the viscous-inviscid coupling), the latest versions of computational techniques, and additional coverage of interaction problems. The authors include a systematic treatment of two-dimensional panel methods and a detailed presentation of computational techniques for three-dimensional and unsteady flows.

- Sales Rank: #1176573 in Books
- Brand: Brand: Cambridge University Press
- Published on: 2001-02-05
- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x 1.26" w x 7.01" l, 2.43 pounds
- Binding: Paperback
- 630 pages

Features

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About the Author

The late Joseph Katz was senior fellow, Woodrow Wilson National Fellowship Program, and director, New Jersey Master Faculty Program.

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