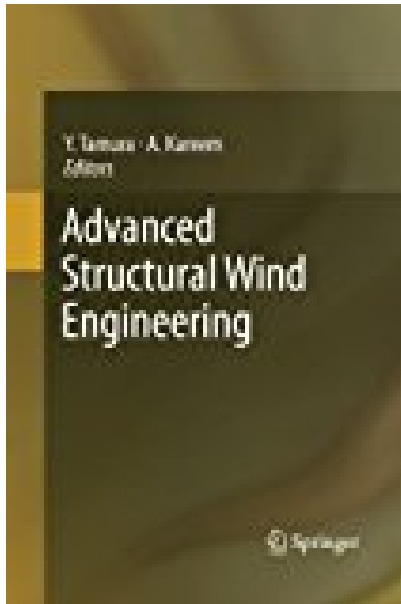


# Advanced Structural Wind Engineering

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## BOOK DETAILS

- Author :
- Pages : 410 Pages
- Publisher : Springer
- Language : English
- ISBN : 4431547193

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## **BOOK SYNOPSIS**

This book serves as a textbook for advanced courses as it introduces state-of-the-art information and the latest research results on diverse problems in the structural wind engineering field. The topics include wind climates, design wind speed estimation, bluff body aerodynamics and applications, wind-induced building responses, wind, gust factor approach, wind loads on components and cladding, debris impacts, wind loading codes and standards, computational tools and computational fluid dynamics techniques, habitability to building vibrations, damping in buildings, and suppression of wind-induced vibrations. Graduate students and expert engineers will find the book especially interesting and relevant to their research and work.

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