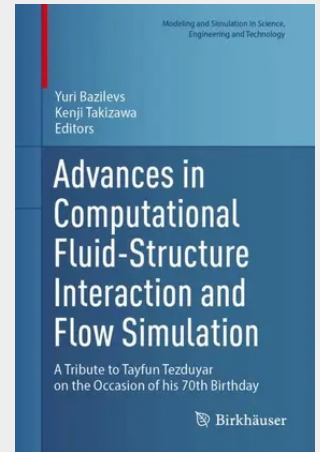


Advances in Computational Fluid-Structure Interaction and Flow Simulation

A Tribute to Tayfun Tezduyar on the Occasion of his 70th Birthday

This contributed volume celebrates the work of Tayfun E. Tezduyar on the occasion of his 70th birthday. The chapters it contains were born out of the Advances in Computational Fluid-Structure Interaction and Flow Simulation (AFSI) conference, also dedicated to Prof. Tezduyar and held in Sapporo, Japan in August 2024. The contributing authors represent a group of international experts in the field who discuss recent trends and new directions in computational fluid dynamics (CFD) and fluid-structure interaction (FSI). Chapters explore topics such as mathematical methods and data-driven and reduced-order models; novel methods and applications in CFD; computational FSI and multi-physics models; wind energy applications; and automotive applications. Researchers, practitioners, and advanced graduate students working on CFD, FSI, and related topics will find this collection to be a definitive and valuable resource.

This contributed volume celebrates the work of Tayfun E. Tezduyar on the occasion of his 70th birthday. The chapters it contains were born out of the Advances in Computational Fluid-Structure Interaction and Flow Simulation (AFSI) conference, also dedicated to Prof. Tezduyar and held in Sapporo, Japan in August 2024. The contributing authors represent a group of international experts in the field who discuss recent trends and new directions in computational fluid dynamics (CFD) and fluid-structure interaction (FSI). Chapters explore topics such as mathematical methods and data-driven and reduced-order models; novel methods and applications in CFD; computational FSI and multi-physics models; wind energy applications; and automotive applications. Researchers, practitioners, and advanced graduate students working on CFD, FSI, and related topics will find this collection to be a definitive and valuable resource.



235,39 €

219,99 € (zzgl. MwSt.)

*vorbestellbar, Erscheinungstermin ca.
September 2026*

Artikelnummer: 9783032258939

Medium: Buch

ISBN: 978-3-032-25893-9

Verlag: Springer Nature Switzerland AG

Erscheinungstermin: 14.07.2026

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2026

Serie: Modeling and Simulation in
Science, Engineering and Technology

Produktform: Gebunden

Seiten: 392

Format (B x H): 155 x 235 mm

