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research directions

1.8. Bibliography
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Chapter 4. Avoiding Instabilities Caused by Added Mass Effects in Fluid-Structure Interaction Problems

Sommario/riassunto

This book provides the fundamental basics for solving fluid structure interaction problems, and describes different algorithms and numerical methods used to solve problems where fluid and structure can be weakly or strongly coupled. These approaches are illustrated with examples arising from industrial or academic applications. Each of these approaches has its own performance and limitations. Given the book's comprehensive coverage, engineers, graduate students and researchers involved in the simulation of practical fluid structure interaction problems will find this book extremely useful.
