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4 Fundamentals of Computational Fluid Dynamics 35 In any CFD problem, the definition of boundary conditions is essential because they will de ne

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I Appendix 1 Fundamentals of computational fluid-dynamics Computational fluid-dynamics (CFD) has been developed since the seventies of last century by the cross

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This book is intended as a textbook for a first course in computational fluid dynamics and will be of interest to researchers and practitioners as well. It emphasizes fundamental concepts in developing, analyzing, and understanding numerical methods for the partial differential equations governing the physics of fluid flow.

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