1. **Record Nr.**   UNISA990005727720203316

   Autore   SKYRMS, Brian

   Titolo   Evolution of the social contract / Brian Skyrms

   Pubbl/distr/stampa   Cambridge : University press, 1996

   Descrizione fisica   XIII, 146 p. ; 22 cm.

   Disciplina   340.112

   Soggetti   Contrattualismo

   Collocazione   CC 340.112 SKY

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

2. **Record Nr.**   UNINA9910719774303321

   Titolo   Computational Fluid Mechanics / / Peng Du and [three others], editors

   Pubbl/distr/stampa   Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2023

   ISBN   3-0365-7170-1

   Descrizione fisica   1 online resource (274 pages)

   Disciplina   620.106

   Soggetti   Fluid mechanics

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di bibliografia   Includes bibliographical references.

   Sommario/riassunto   Computational fluid dynamics, usually abbreviated as CFD, is a branch of fluid mechanics that uses numerical analysis and algorithms to solve and analyze problems that involve fluid flows. Computers are used to perform the calculations required to simulate the interaction of liquids and gases with surfaces defined by boundary conditions. All

computational methods are acceptable (finite difference, finite volume, finite elements), as well as commercial codes such as Fluent. The numerical method will be considered as the mean to treat an unsolved fluid mechanics problem. Although in recent years thousands of papers have been published in the field of Fluid Mechanics, there are simple and fundamentals problems that have not been treated until now. Artificial cases with extraordinary boundary conditions and cases, which are not related to reality, will not be accepted. Unsolved problems from all fields are welcomed. The results must be accurate and the review process will be very thorough.