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Autore	Slooff J.W
Titolo	The Aero- and Hydromechanics of Keel Yachts / / by J.W. Slooff
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-13275-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (645 p.)
Disciplina	532 533.62 620 620.0042 620.1064
Soggetti	Fluid mechanics Fluids Engineering design Engineering Fluid Dynamics Fluid- and Aerodynamics Engineering Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 Introduction -- 2 Sailing Yacht Geometry and Mass Properties -- 3 Forces, Moments and Motions -- 4 Sailing: Basic Mechanics -- 5 Elements of Fluid Mechanics (Air and Water) -- 6 Forces Under Water: Hydromechanics -- 7 Forces Above the Water Surface: Aerodynamics -- 8 Encore: Sailing; Aerodynamics Plus Hydromechanics -- Retrospection -- Appendices.
Sommario/riassunto	How and why does sail boat performance depend on the configuration and trim of boat and sails? This book provides the yachtsman with answers in a relatively straightforward account of the physical mechanisms of sailing. It presents an accessible overview of the fluid dynamic aspects of sailing and sailing technology, addressing both aeromechanics and hydromechanics. Readers are provided with the basic principles of physics and general mechanics that will assist their

understanding of the fluid mechanics of sailing yachts. Rich appendices cover not only in-depth, mathematical-physical treatments and derivations for those wishing to explore further, but also helpful summaries of basic mathematical notions for those wishing to refresh their knowledge. This work explores keel yachts, specifically single-masted mono-hulls with 'fore-and-aft', Bermuda-rigged sails. However, much of it is applicable to other types of sailing vessels such as multi-hulls, yachts with multiple masts, windsurf boards and the like. Yachtsmen, yacht designers and professionals of sailing technology will all find something of interest in this work which provides explanations of the mechanics of sailing in a way that is scientifically justified, whilst remaining appealing to those wishing to use their knowledge on-board a sailing vessel.

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Uitz Renata

Constitutions, courts, and history : historical narratives in constitutional adjudication // Renata Uitz

Budapest ; ; New York, : Central European University Press, 2005

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Constitutional law

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Nota di bibliografia

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Nota di contenuto

Historical narratives in constitutional reasoning : intuitions and myths revisited -- An overview of arguments used in constitutional adjudication -- The constitutional text in the light of history -- Behind historical narratives : the promise of continuity -- The fruits of reconciliation : a bittersweet harvest.

Sommario/riassunto

Emphasizes the role history and historical narratives play in constitutional adjudication. Uitz provocatively draws attention to the often-tense relationship between the constitution and historical precedence highlighting the interpretive and normative nature of the law. Her work seeks to understand the conditions under which references to the past, history and traditions are attractive to lawyers, even when they have the potential of perpetuating indeterminacy in constitutional reasoning. Uitz conclusively argues that this constitutional indeterminacy is obscured by 'judicial rhetorical toolkits' of continuity and reconciliation that allow the court's reliance on the past to be unaccounted for. Uitz' rigorous analysis and extensive research makes this work an asset to legal scholars and practitioners alike.