

1. Record Nr.	UNINA9910299937003321
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Titolo	Submarine Hydrodynamics / / by Martin Renilson
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer , , 2018
ISBN	3-319-79057-9
Edizione	[2nd ed. 2018.]
Descrizione fisica	1 online resource (243 pages)
Disciplina	623.8257
Soggetti	Fluid mechanics Fluids Automatic control Engineering Fluid Dynamics Fluid- and Aerodynamics Control and Systems Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 Introduction -- 2 Hydrostatics and Control -- 3 Manoeuvring and Control -- 4 Resistance and Flow -- 5 Propulsion -- 6 Appendage Design -- Hydro-Acoustic Performance.
Sommario/riassunto	This book covers specific aspects of submarine hydrodynamics in a very practical manner. The author reviews basic concepts of ship hydrodynamics and goes on to show how they are applied to submarines, including a look at the use of physical model experiments. The book is intended for professionals working in submarine hydrodynamics, as well as for advanced students in the field. This revised edition includes updated information on empirical methods for predicting the hydrodynamic manoeuvring coefficients, and for predicting the resistance of a submarine. It also includes new material on how to assess propulsors, and includes measures of wake distortion, which has a detrimental influence on propulsor performance. Additional information on safe manoeuvring envelopes is also provided. The wide range of references has been updated to include the latest material in the field. .

