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Autore	Hardisty J (Jack), <1955->
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Nota di contenuto	The Analysis of Tidal Stream Power; Contents; Preface; Website contents; Origin of online images; Copyright acknowledgements; Symbols; Part I Theory; 1 History of tidal and turbine science; 2 Tidal hydraulics; 3 Principles of tidal power devices; 4 Tidal power technologies; 5 Modelling tidal stream power; Part II Practice; 6 Economics and finance; 7 North-west Europe; 8 North America; 9 Australia and New Zealand; 10 Rest of the world; Glossary; Index
Sommario/riassunto	This text integrates a wide range of research and tidal resource theory and data to present a detailed analysis of the physics and oceanography of tidal stream power devices together with a world wide resource analysis. Clearly structured throughout the book is divided into two distinct parts. Part One provides the theoretical background to the subject and deals with the historical development of the harmonic method for the synthesis of tidal currents; the principles of fluid and tidal flow and the principles of device ducts, turbines and electrical systems. A review and analysis of more tha