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Altri autori (Persone)	McGowanJ. G RogersAnthony L. <1948->
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	; Introduction: Modern wind energy and its origins -- Wind characteristics and resources -- Aerodynamics of wind turbines -- Mechanics and dynamics -- Electrical aspects of wind turbines -- Wind turbine materials and components -- Wind turbine design and testing -- Wind turbine control -- Wind turbine siting, system design, and integration -- Wind energy applications -- Wind energy system economics -- Wind energy systems: Environmental aspects and impacts.
Sommario/riassunto	Wind energy's bestselling textbook- fully revised. This must-have second edition includes up-to-date data, diagrams, illustrations and thorough new material on: the fundamentals of wind turbine aerodynamics; wind turbine testing and modelling; wind turbine design standards; offshore wind energy; special purpose applications, such as energy storage and fuel production. Fifty additional homework problems and a new appendix on data processing make this comprehensive edition perfect for engineering students. This book offers a

