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Abstract
This new book, coauthored by Remus Teodorescu from Aalborg University, Denmark, Marco Liserre from the Politecnica di Bari, Italy, and Pedro Rodriguez from the Universitat Politecnica di Catalu nya (UPC-BarcelonaTech), Spain, presents problems related to power electronic grid interface for wind and photovoltaic (PV)-generated electrical energy. The book's concept originated during biannual industrial/Ph.D. courses organized in Aalborg University, Institute of Energy Technology. These courses started in 2005 and lasted until the end of 2010 and were attended by more than 250 Ph.D. students and industrial participants.

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4th edition. © New York: Butterworth-Heinemann, 2017. © 1522 p. © ISBN 978-0128114070. Power Electronics Handbook, Fourth Edition, brings together over 100 years of combined experience in the specialist areas of power engineering to offer a fully revised and updated expert guide to total power solutions. Designed to provide the best technical and most commercially viable solutions available, this handbook undertakes any or all aspects of a project requiring specialist design, installation, commissioning and maintenance services. Comprising a complete revision throughout and enhanced chapters o The purpose of Power Electronics Handbook second edition is to provide an up-to-date reference that is both concise and useful for engineering students and practicing professionals. It is designed to cover a wide range of topics that make up the field of power electronics in a well-organized and highly informative manner. The Handbook is a careful blend of both traditional topics and new advancements. Special emphasis is placed on practical applications, thus, this Handbook is not a theoretical one, but an enlightening presentation of the usefulness of the rapidly growing field of power electr...