



## Power Quality

**Editor(s):**

Manuel Perez Donsion, Mircea Ion Buzdugan

**Contributors:**

Filipe Oliveira, Mircea Ion Buzdugan, Liliana Tenti, Joaquim Melendez Frigola, Gonzalo Alonso, Bostjan Polajzerq, [More...](#)

**Subject:** Geography, Anthropology, Recreation

### Book Description

Power quality is a very broad subject, covering all stages of power systems engineering, from the generation, transmission, and distribution levels to the end-users. This book contains a selection of the best papers on power quality presented at the International Conferences on Renewable Energy and Power Quality from 2003 to 2012.

The volume represents a unique selection of the best contributions to power quality exploitation and evolution over the past decade. As such, it provides an up-to-date reference point for researchers, technicians and engineering interested in the state of the field of power quality.

This book will primarily interest professional engineers and researchers dealing with power quality, but will also prove useful to postgraduate level students. It can also be used as a reference book for engineers, physicists and mathematicians interested and involved in operation, project management, design, and analysis of power quality issues. Each chapter contains references that allow the treated topic to be further deepened.

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### Biography

Manuel Pérez-Donsión received his MSc in Industrial Engineering from the Polytechnic University of Catalonia, Spain, in 1980, and his PhD from the University of Vigo, Spain, in 1986, before becoming a Full Professor at the latter in 1987. He is the President of the European Association for the Development of Renewable Energies, Environment and Power Quality (EA4EPQ), the European Association for the Development of Electrical Engineering (EADEE), and the Spanish Association for the Development of Electrical Engineering (AEDIE), and is the Vice-President of the Portuguese Association for the Development of Electrical Engineering (APDEE). He was awarded the Gold Medal of the Escuela de Enxeñaría Industrial (University of Vigo), the Gold Insignia of the Green Week Foundation of Galicia and received four awards from electrical engineering journals. He is the author of seven books and over one hundred research papers.

Mircea Ion Buzdugan received his MSc in Electrical Engineering from the Technical University of Cluj-Napoca, Romania, in 1979 and his MSc in Economics from "Babes-Bolyai" University of Cluj-Napoca, Romania, in 1993. Having also received a PhD in Electrical Engineering, he is the Dean of the Faculty of Building Engineering at the Technical University of Cluj-Napoca, Romania. His main research interests are electromagnetic compatibility and power quality. He is the author of five books and more than seventy research papers.



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