ADVANCE BOOK INFORMATION

ELECTROMAGNETIC FIELD STANDARDS AND EXPOSURE SYSTEMS

DR. E. GRUDZINSKI AND PROF. H TRZASKA

This book addresses the need to establish measurement standards for electromagnetic fields to produce accurate results and is ideal for engineers concerned with measurement techniques.

- Provides a review of fundamental properties of electromagnetic fields and the simple antennas that can generate and receive such fields.
- The main focus of this book is dedicated to the analysis of the accuracy of measurements and field standards using a range of radiating structures.
- Designed to help develop the following measurement standards; proper calibration of the measuring instrument, external environmental factors that affect accuracy and competence and training of the instrument operator.

READERSHIP

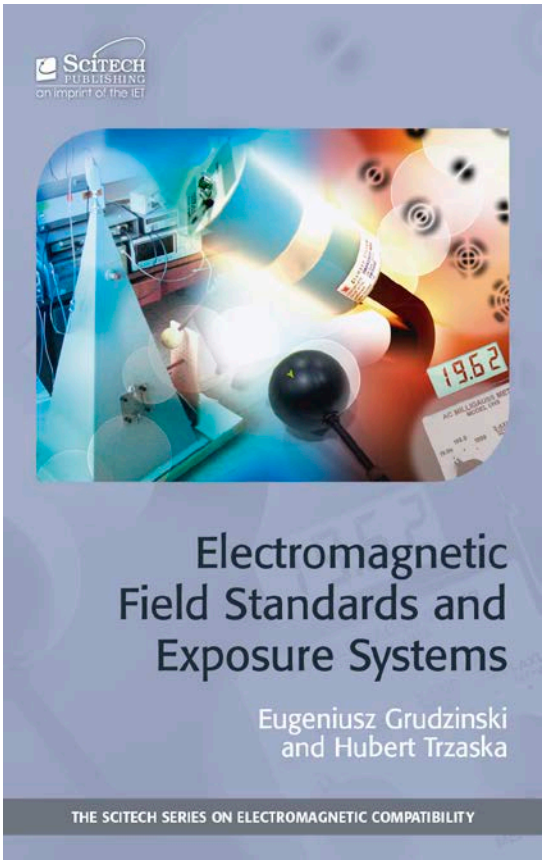
Ideal for practicing engineers in the field of antennas, electromagnetic compatibility and electromagnetic propagation who are concerned with measurement techniques.

AUTHOR INFORMATION

Dr. Eugeniusz Grudzinski is currently Head of the EMF Standards and Measurements Lab at the Technical University of Wroclaw. He has authored many publications in the field of EMF metrology. **Prof. Hubert Trzaska** is Head of the EM Environment Protection Lab at the University of Wroclaw, devoting his research to the practical aspects of EMF metrology. He holds over 50 patents in the field of EMF measurements and standards.

PREVIOUS EDITIONS

- Electromagnetic Measurements in the Near Field, Second Edition (2011) Bienkowski and Trzaska ISBN: 978-1-89112-106-7



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