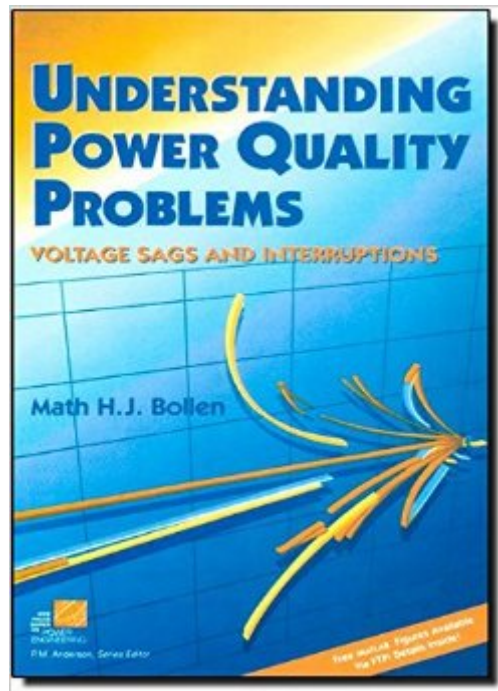


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# Understanding Power Quality Problems: Voltage Sags And Interruptions



## Synopsis

Power quality problems have increasingly become a substantial concern over the last decade, but surprisingly few analytical techniques have been developed to overcome these disturbances in system-equipment interactions. Now in this comprehensive book, power engineers and students can find the theoretical background necessary for understanding how to analyze, predict, and mitigate the two most severe power disturbances: voltage sags and interruptions. This is the first book to offer in-depth analysis of voltage sags and interruptions and to show how to apply mathematical techniques for practical solutions to these disturbances. From UNDERSTANDING AND SOLVING POWER QUALITY PROBLEMS you will gain important insights into Various types of power quality phenomena and power quality standards Current methods for power system reliability evaluation Origins of voltage sags and interruptions Essential analysis of voltage sags for characterization and prediction of equipment behavior and stochastic prediction Mitigation methods against voltage sags and interruptions Sponsored by:IEEE Power Electronics Society, IEEE Industry Applications Society, IEEE Power Engineering Society.

## Book Information

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## Customer Reviews

This is not just another how-to guide. This is a jam-packed journal that reads like a voyager's logbook. Jan D'Arcy writes from deep experience, and because she has lived the experience, she can paint dozens of colorful sketches. I confess I was skeptical about buying yet another book about presentations, selling yourself and the other necessities of telling mixed groups about hi technology.

But I am facing a real turning point, and I believe Jan's book will save me from many errors. For example, as an inventor of a new computer game, I have to re-invent peoples' notions about what is good and bad about electronic games. My audience, as Jan points out, is a tough one--the baby-boomer generation on one side of the aisle and hi-tech, high-rolling Internet executives on the other. This review comes when I am only partway into the process but, guess what: This is a guide book you can take with you as you chart new territories. It's a valuable roadmap with straightforward, brief, clear and colorful text all along the way.

First Rate Instruction!Technically Speaking is a comprehensive, logical, and well-laid out collection of steps that help you become a proficient speaker. Jan D'arcy accurately addresses the issues of TMI (too much information)that many professionals are unknowingly guilty of sharing. From her intuitive expertise and experience, D'arcy prescribes concrete courses of actions to artfully transform the data into useful information and what it takes to become a really good presenter. From data to useful information to the domains of wisdom; D'arcy maps the way out in her book, Technically Speaking.

It looks excellent from what I have read so far. Valuable for faculty interested in using technology creatively in teaching.

a very good book, excelent content I would recommend it for a good understanding of these problems and the solutions to take

This book provides useful general tips on preparing for and delivering presentations to audiences of various sizes and backgrounds, including cultural and language issues when presenting to foreign audiences. The book is well-organized, and has numerous summary lists to help with mental preparation and the presentation materials. Most of the book is suited to general project presentations for sales and business, not specifically for scientific or technical presentations. However, a major point in the book -- consider the background and interests of your audience -- is particularly useful for complex technical presentations. The book does not provide much on designing effective presentations of technical data, e.g., as discussed inÂ The Visual Display of Quantitative Information. Nor does it cover modern software presentation tools, such as PowerPoint, in much depth. If you are mainly interested in tips for such tools, more recent books are better. For example,Â Presentation Zen: Simple Ideas on Presentation Design and DeliveryÂ also has

considerable focus on thinking what's best suited for the audience but with much more focus on modern presentation tools.

The book is an excellent reference to power quality problems. However, the quality of the book is very poor. It seems as the copy of the copy of the copy. The content is the same as others (I borrowed one from my school's library), however the paper and ink quality is laughable. I posted some pictures of this.

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