

The Weibull Analysis Handbook 2nd Edition with Software; By Bryan Dodson ,
Quality Press, 600 N Plankinton Avenue, Milwaukee, Wisconsin 53203. 2006. ISBN 978-0-
87389-667-2;167 pages; Listed \$90.00, member \$54.00.

This paperback book provides a quick reference on the Weibull distribution, its origin, characteristics, and applications in a straightforward manner. This book also provides software (in an accompanied CD-ROM) to facilitate the calculations that discussed in the book.

From the short list of chapter titles; Chapter 1. Introduction, Chapter 2 Parameter Estimation, Chapter 3 Confidence Intervals, Chapter 4 Goodness-of-Fit, Chapter 5 Reliability Verification Testing and Bayesian Estimation, Chapter 6 Using the Software; one can easily see that a book which focuses on one single distribution, that should provide a comprehensive coverage of what it is, and how one can benefited by using this versatile distribution for the real world applications.

The adoption of cook book approaches to the discussion of this very useful distribution provides an encyclopedia of useful information about the Weibull distribution, but it is in short of the evaluations of the presented methods, formulas, or the comparisons of any competitive approaches. In another word, this book provides a lot “how to” aspect of the Weibull distribution, and devote very little wording in the discussion of its merit.

This book provide a quick reference for the reliability engineers, or quality profession. It will be a good reference book for all practitioners of statistics, but will not recommended for the educator who tries to teach Weibull distribution due to its cook book approaches.

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