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| 2. Record Nr. | UNINA9910960870303321 |
| Autore | Kotz Samuel |
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| Descrizione fisica | 1 online resource (307 p.) |
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| Altri autori (Persone) | Van DorpJohan Rene |
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| Soggetti | Theory of distributions (Functional analysis)
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| Note generali | Description based upon print version of record. |
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| Nota di contenuto | Preface; Contents; Chapter 1 The Triangular Distribution; Chapter 2 Some Early Extensions of the Triangular Distribution; Chapter 3 The Standard Two-Sided Power Distribution; Chapter 4 The Two-Sided Power Distribution; Chapter 5 The Generalized Trapezoidal Distribution; Chapter 6 Uneven Two-Sided Power Distributions; Chapter |

7 The Reflected Generalized Topp and Leone Distribution; Chapter 8 A Generalized Framework for Two-Sided Distributions; Epilogue; Appendix A Graphical Overview of Continuous Univariate Families of Distributions possessing a Bounded Domain
Appendix B The Johnson SB DistributionBibliography; Author Index; Subject Index

Sommario/riassunto

Statistical distributions are fundamental to Statistical Science and are a prime indispensable tool for its applications. This monograph is the first to examine an important but somewhat neglected field - univariate continuous distribution on a bounded domain, excluding the beta distribution. It provides an elementary but thorough discussion of "novel" contributions developed in recent years, such as the two-sided power, generalized trapezoidal and generalized Topp and Leone distributions, among others. It discusses a general framework for constructing two-sided distributions and some of its
