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Nota di contenuto Contents; Preface; Chapter 1 Modeling Income Distributions Using

Elevated Distributions on a Bounded Domain; 1. Introduction; 2. Cumulative distribution function and density function; 3. Properties of Standard RGTL distributions; 4. Maximum likelihood estimation 5. Fitting 2001 U.S. income distribution data 6. Concluding remarks; Acknowledgments; References; Chapter 2 Making Copulas Under Uncertainty; 1. Introduction; 2. Initial approach; 3. FGM distribution functions; 4. The Dorp and Kotz's distribution families and its

subfamilies

5. An approach to the problem: Application of the MTDF with van Dorp and Kotz's marginals in an uncertainty environment 6. A solution; 7. A valuation method; 8. Practical application of the MTDF with van Dorp and Kotz's marginals under uncertainty environment; 9. Conclusions References Chapter 3 Valuation Method of the Two Survival Functions; 1. Introduction; 2. Valuation method of the two survival functions; 3. VMTS from a multidimensional quality index; 4. Practical application; 5.

Conclusions; References

Chapter 4 Weighting Tools and Alternative Techniques to Generate Weighted Probability Models in Valuation Theory 1. Introduction; 2. Techniques to generate weighted models valuation; 3. New technique to generate weighted models; 4. Practical application; 5. Comments and conclusions References

## Sommario/riassunto

<i>Distribution Models Theory</i> is a revised edition of papers specially selected by the Scientific Committee for the Fifth Workshop of Spanish Scientific Association of Applied Economy on Distribution Models Theory held in Granada (Spain) in September 2005. The contributions offer a must-have point of reference on models theory. This book has been selected for coverage in: Index to Scientific & Technical Proceedings® (ISTP®/ISI Proceedings) Index to Scientific & Technical Proceedings (ISTP CDROM version/ISI Proceedings) <i>Sample Chapter(s)</i> Chapter 1: Modeling Income Distributions