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Nota di contenuto	1. Wrapped gamma distribution for modeling and inference with asymmetric circular data - Ashis SenGupta, Carlos A. Coelho, Choung Min Ng -- 2. Goodness of fit tests for Cauchy distributions using data transformations - Jose A. Villasenor -- 3. A note on the product of independent beta random variables - Filipe J. Marques, Indranil Ghosh, Johan Ferreira, Andriette Bekker -- 4. Properties of system lifetime distributions in the classic model of independent exponential component lifetimes - Tomasz Rychlik -- 5. On the exact statistical distribution of econometric estimators and test statistics - Yong Bao, Xiaotian Liu, Aman Ullah -- 6. On conditional tail inferences from multivariate distributions - Harry Joe -- 7. A bivariate distribution with generalized exponential conditionals: Theory and applications - Miroslav Ristic, Bozidar V. Popovic, Indranil Ghosh -- 8. Assessment of

distributional goodness-of-fit for modeling the superposition of renewal process data - Wei Zhang, William Q. Meeker -- 9. Skew-Elliptical Thomas point processes - Ngoc Anh Dao, Marc G. Genton -- 10. Bayesian model assessment and selection using Bregman divergence - Gyuhyeong Goh, Dipak K. Dey -- 11. On hidden truncation in non-normal models - Indranil Ghosh, Hon Keung Tony Ng.

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#### Sommario/riassunto

This edited collection brings together internationally recognized experts in a range of areas of statistical science to honor the contributions of the distinguished statistician, Barry C. Arnold. A pioneering scholar and professor of statistics at the University of California, Riverside, Dr. Arnold has made exceptional advancements in different areas of probability, statistics, and biostatistics, especially in the areas of distribution theory, order statistics, and statistical inference. As a tribute to his work, this book presents novel developments in the field, as well as practical applications and potential future directions in research and industry. It will be of interest to graduate students and researchers in probability, statistics, and biostatistics, as well as practitioners and technicians in the social sciences, economics, engineering, and medical sciences.

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