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Copula Methods in Finance Umberto Cherubini, Elisa Luciano, Walter Vecchiato, 2004-07-02 **Dynamic Copula Methods in Finance** Umberto Cherubini, Sabrina Mulinacci, Fabio Gobbi, Silvia Romagnoli, 2011-10-20 The latest tools and techniques for pricing and risk management This book introduces readers to the use of copula functions to represent the dynamics of financial assets and risk factors integrated temporal and cross section applications The first part of the book will briefly introduce the standard theory of copula functions before examining the link between copulas and Markov processes It will then introduce new techniques to design Markov processes that are suited to represent the dynamics of market risk factors and their co movement providing techniques to both estimate and simulate such dynamics The second part of the book will show readers how to apply these methods to the evaluation of pricing of multivariate derivative contracts in the equity and credit markets It will then move on to explore the applications of joint temporal and cross section aggregation to the problem of risk integration

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Agricultural Finance Review, 2013 **The Journal of Derivatives**, 2007

Festschrift for Tarmo Pukkila on His 60th Birthday Erkki Liski, 2006 *Journal of the Indian Statistical Association* Indian Statistical Association, 2014 *International Banking and Financial Market Developments*, 2005 *A Sequential Monte Carlo Based Recursive Technique for Solving NDE Inverse Problems* Tariq Mairaj Rasool Khan, 2009 *The Quarterly Review of Economics and Finance*, 2010 **Advances in Mathematics of Finance** Łukasz Stettner, 2008 This volume contains 15 papers contributed by the participants of the 2nd General AMaMeF conference and Banach Center conference Advances in mathematics of finance organized in Białe Pole Poland from 30th April till 5th May 2007 AMaMeF Advances

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decision tree classifier based on the marginal likelihood ratios of the individual matchers. The use of image quality information further improves the GAR to 90% at a FAR of 0.001%. Next we show that the proposed likelihood ratio based fusion framework is also applicable to a multibiometric system operating in the identification mode. We investigate rank level fusion strategies and propose a hybrid scheme that utilizes both ranks and scores to perform fusion in the identification scenario. Fusion of multiple biometric sources requires storage of multiple templates for the same user corresponding to the individual biometric sources. Template security is an important issue because stolen biometric templates cannot be revoked. We propose a scheme for securing multibiometric templates as a single entity using the fuzzy vault framework. We have developed fully automatic implementations of a fingerprint based fuzzy vault that secures minutiae templates and an iris cryptosystem that secures iris code templates. We also demonstrate that a multibiometric vault achieves better recognition performance and higher security compared to a unibiometric vault.

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