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Chaoqun Ma, College of Business Administration, Hunan University, Changsha, Hunan , Peoples Rep of China, Fei Wang, Valuation Group, 1290 Avenue of the Americas, 10th floor, New York, NY 10104, and Zhijian Wu\*, Department of Mathematics, The University of Alabama, Tuscaloosa, AL 35487. Measurements of Risk for Hedging with Short-Term Futures.

Hedging long term commitments with short-dated futures contracts has been a hot topic in the finance industry. A new measurement called  $\mu$ -total risk was introduced. Two main theorems are established for the relationship between the optimal hedging strategies and projected funding situation. (Received August 24, 2008)