Erratum

It has been pointed out to the author by professor Rama Cont that the concept of ”implied integrated volatility”, proposed and claimed to be new in this thesis had been previously introduced under the name ”realized variance” and studied from the point of view of inverse problems in the article Friz P and Gatheral J: Pricing volatility derivatives as inverse problem. *Quantitative Finance*, Vol 5 Nr 6 (2005) 531-542. Although there is an overlap between the cited article and the present thesis, the computational approaches in these two articles are significantly different, the latter one focussing on Bayesian hypermodels. The author wishes to thank professor Cont for pointing out the cited article.