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Nota di contenuto	Foreword; Contents; Estimation of Precision and Uncertainty of a Calibration Artefact for CMMs S. D. Antunes and M. A. F. Vicente; Uncertainty in Semi-Qualitative Testing W. Bremser and W. Hasselbarth; Processing the Coherent Anomalies on Digitalized Surfaces in Wavelet Domain P. Ciarlini and M. L. Lo Cascio; Least Squares Adjustment in the Presence of Discrepant Data M. G. Cox, A. B. Forbes, J. L. Flowers and P. M. Harris; Harmonization of Correlated Calibration Curves with an Application to the Analysis of Natural Gases M. G. Cox, S. Kamvissis, M. J. T. Milton and G. Vargha Parametrized Approximation Estimators for Mixed Noise Distributions D. P. Jenkinson, J. C. Mason, A. Crampton, M. G. Cox, A. B. Forbes and R. Boudjemaa Algorithms for the Calibration of Laser-Plane Sensors on CMMs C. Lartigue, P. Bourdet, L. Mathieu and C. Mehdi-Souzani; Some Differences between the Applied Statistical Approach for Measurement Uncertainty Theory and the Traditional Approach in Metrology and Testing C. Perruchet; Metrology Software for the Expression of Measurement Results by Direct Calculation of Probability Distributions G. B. Rossi, F. Crenna and M. Codda Feasibility Study of Using Bootstrap to Compute the Uncertainty

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#### Sommario/riassunto

This volume collects refereed contributions based on the presentations made at the Sixth Workshop on Advanced Mathematical and Computational Tools in Metrology, held at the Istituto di Metrologia "G. Colonnetti" (IMGC), Torino, Italy, in September 2003. It provides a forum for metrologists, mathematicians and software engineers that will encourage a more effective synthesis of skills, capabilities and resources, and promotes collaboration in the context of EU programmes, EUROMET and EA projects, and MRA requirements. It contains articles by an important, worldwide group of metrologists and mat

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