

Laboratorio di metrologia a coordinate - Pubblicazioni

Publications

1. A. Balsamo, C. Francese, R. Ottone, A. Piccato, 2018, *Redundancy-enabled stabilisation of linear encoder performance: the biSLIDER*, CIRP Annals - Manufacturing Technology **67** (2018) 531-534, doi:doi.org/10.1016/j.cirp.2018.04.004.
2. P. Pedone, E. Audrito, A. Balsamo, 2014, Compensation of CMM geometrical errors by the GEMIL technique: experimental results, CIRP Annals Manufacturing Technology **63** (2014) 489-492, doi:[dx.doi.org/10.1016/j.cirp.2014.03.003](https://doi.org/10.1016/j.cirp.2014.03.003).
3. A. Balsamo, P. Pedone, E. Ricci, M. Verdi, 2009, Low-cost interferometric compensation of geometrical errors, CIRP Annals - Manufacturing Technology **58** (2009) 459-462, doi:doi.org/10.1016/j.cirp.2009.03.029.
4. A. Balsamo, M. Di Ciommo, R. Mugno, B.I. Rebaglia, E. Ricci, R. Grella, 1999, Evaluation of CMM uncertainty through Monte Carlo simulations, The Annals of the CIRP **48/1**:425-428, doi:[doi.org/10.1016/S0007-8506\(07\)63218-1](https://doi.org/10.1016/S0007-8506(07)63218-1).
5. A. Balsamo, M. Franke, E. Trapet, F. Wäldele, L. De Jonge, P. Vanherck, 1997, Results of the CIRP-EUROMET intercomparison of ball plate-based techniques for determining CMM parametric errors, CIRP Annals **46/1**: 463-466, doi:[doi.org/10.1016/S0007-8506\(07\)60866-X](https://doi.org/10.1016/S0007-8506(07)60866-X).
6. A. Balsamo, M. Di Ciommo, R. Mugno, S. Sartori, 1996, Towards Instrument-Oriented Calibration of CMMs, CIRP Annals **45/1**: 479-482, doi: [doi.org/10.1016/S0007-8506\(07\)63106-0](https://doi.org/10.1016/S0007-8506(07)63106-0).
7. A. Balsamo, 1995, Effects of Arbitrary Coefficients of CMM Error Maps on Probe Qualification, CIRP Annals **44/1**:475-478, doi: [doi.org/10.1016/S0007-8506\(07\)62366-X](https://doi.org/10.1016/S0007-8506(07)62366-X).
8. A. Balsamo, D. Marques, S. Sartori, 1990, A method for thermal-deformation corrections of CMMs, CIRP Annals **39/1**:557-560, doi: [doi.org/10.1016/S0007-8506\(07\)61118-4](https://doi.org/10.1016/S0007-8506(07)61118-4).