Publikationen

: Going ballistic: Graphene hot electron transistors. In: Solid State Communications, vol. 224, no. December, pp. 64-75. DOI: 10.1016/j.ssc.2015.08.012.

: Strategies for grinding optical free-forms using ball-shaped grinding wheels. In: SPIE Optifab, Rochester, NY, USA.

: SG-Sensor – an affordable tactile alternative.

: Analysis of three different measurement strategies carried out with the TII-3D coordinate measurement system. In: SPIE Optics + Photonics 2013, Optical Engineering + Applications. DOI: 10.1117/12.2024001.

: Effects of mechanical inaccuracies on the measurement result in metrology systems. In: Proceedings of the 5th International Symposium on Advanced Optical Manufacturing and Testing Technologies: Optical Test and Measurement Technology and Equipment, vol. 7656.

: Advanced techniques for computer-controlled polishing. In: Current Developments in Lens Design and Optical Engineering IX, vol. 7060, no. 70600Q ff.. DOI: 10.1117/12.808036.

: Forces acting between polishing tool and workpiece surface in magnetorheological finishing. In: Proceedings of SPIE, Volume 7060, Current Developments in Lens Design and Optical Engineering IX (Optical Engineering + Applications, San Diego, CA, USA; August 10-14, 2008). DOI: 10.1117/12.794196.

: Comparison of different magnetorheological polishing fluids.

: Coherences between influence function size, polishing quality and process time in the magnetorheological finishing. In: Current Developments in Lens Design and Optical Engineering VII, San Diego, CA, USA.

: Temporal stability and performance of MR polishing fluid. In: Current Developments in Lens Design and Optical Engineering V, San Diego, CA, USA.

: New viscosity measurement for magnetorheological polishing fluid. In: Optical Manufacturing and Testing VI, San Diego, CA, USA.

: Calculation of MRF influence functions. In: Optical Manufacturing and Testing VII, SPIE, San Diego, CA, USA.

: Utilisation of time-variant influence functions in the computer-controlled polishing. In: Precision Engineering, vol. 32, no. 1, pp. 47-54. DOI: 10.1016/j.precisioneng.2007.04.005.

: Calculation of MRF influence functions. In: Optical Manufacturing and Testing VII, vol. 6671.

: Temporal stability and performance of MR polishing fluid. In: Current Developments in Lens Design and Optical Engineering V, vol. 5523, pp. 273-280. DOI: 10.1117/12.558897.

: Comparison of different magnetorheological polishing fluids. In: Optical Fabrication, Testing, and Metrology II, vol. 5965, pp. 659-670. DOI: 10.1117/12.656430.

: New viscosity measurement for magnetorheological polishing fluid. In: Optical Manufacturing and Testing VI, vol. 5869, pp. 133-141. DOI: 10.1117/12.616690.

: Coherences between influence function size, polishing quality and process time in the magnetorheological finishing. In: Current Developments in Lens Design and Optical Engineering VII, vol. 6288. DOI: 10.1117/12.678720.

: Filter algorithm for influence functions in the computer-controlled polishing of high-quality optical lenses. In: International Journal of Machine Tools and Manufacture, vol. 47, no. 1, pp. 107-111.

: Mathematical modelling of influence functions in computer-controlled polishing. Part II. In: Applied Mathematical Modelling, vol. 32, no. 12, pp. 2907-2924.

: Mathematical modelling of influence functions in computer-controlled polishing. Part I. In: Applied Mathematical Modelling, vol. 32, no. 12, pp. 2888-2906.