

Publikationen

- (2011): Optische Positionsmessvorrichtung.
- (2010): Positionsmesseinrichtung und Verfahren zum Betrieb einer Positionsmesseinrichtung.
- (2010): Position measuring Device, and Operation Method of the same.
- (2009): Topology of Generic Polarization Singularities in Birefringent Crystals. In: Topologica, vol. 2, no. 006-1. DOI: 10.3731/topologica.2.006.
- (2009): Methodology for imaging the 3D structure of singularities in scalar and vector optical fields. In: Journal of Optics, vol. 11, no. 0094020. DOI: 10.1088/1464-4258/11/9/094020.
- (2008): Fractality of light's darkness. In: Physical Review Letters - moving physics forward, vol. 100, no. 053902.
- (2008): Light beams with fractional orbital angular momentum and their vortex structure. In: Optics Express, vol. 16, no. 2, pp. 993-1006. DOI: 10.1364/OE.16.000993.
- (2008): Polarization Singularities in 2D and 3D Speckle Fields. In: Physical Review Letters - moving physics forward, vol. 100, no. 203902.
- (2006): Singularitäten von Phase und Polarisation des Lichts.
- (2006): Stokes parameters in the unfolding of an optical vortex through a birefringent crystal. In: Optics Express, vol. 14, no. 23, pp. 11402-11411.
- (2005): Propagation dynamics of optical vortices in Laguerre-Gaussian beams. In: Optics Communications, vol. 250, no. 4-6, pp. 218-230. DOI: 10.1016/j.optcom.2005.02.032.
- (2005): Optical Vortices in a Laguerre-Gaussian LG10 beam. In: Journal of Modern Optics, vol. 52, no. 1009.
- (2005): Polarization Singularities from Unfolding an Optical Vortex through a Birefringent Crystal. In: Physical Review Letters - moving physics forward, vol. 95, no. 1009. DOI: 10.1103/PhysRevLett.95.253901.