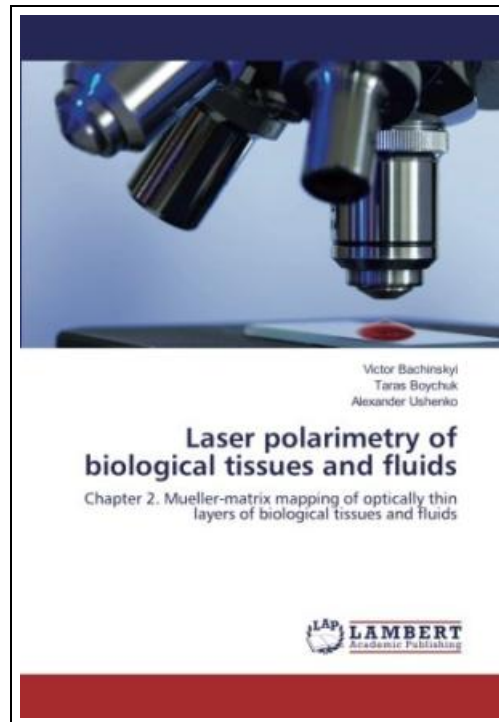


## Laser polarimetry of biological tissues and fluids : Chapter 2. Mueller-matrix mapping of optically thin layers of biological tissues and fluids



Filesize: 6.51 MB

### **Reviews**

*This publication is fantastic. We have read through and i am certain that i will planning to read yet again yet again down the road. You wont feel monotony at at any time of your respective time (that's what catalogs are for concerning when you request me).  
(Alec Langosh)*

## LASER POLARIMETRY OF BIOLOGICAL TISSUES AND FLUIDS : CHAPTER 2. MUELLER-MATRIX MAPPING OF OPTICALLY THIN LAYERS OF BIOLOGICAL TISSUES AND FLUIDS

DOWNLOAD



LAP Lambert Academic Publishing Aug 2017, 2017. Taschenbuch. Condition: Neu. Neuware - The complex, most informational-consistent approach to the study of polarization manifestations of the optical anisotropy of the polycrystalline component of biological tissues and liquids was considered, namely Muller-matrix polarimetry. The theory of the method was presented. The descriptions of the main experimental techniques based on Stokes-polarimetric mapping of biological layers were provided. To extend the functionality and sensitivity of the Muller-matrix polarimetry, it is proposed to spatially-frequency filter the polarization inhomogeneous object fields. Muller-matrix images of histological sections of biological tissues and polycrystalline films of biological fluids of human organs of various morphological were analyzed within the statistical (statistical moments of 1st-4th order), correlation (autocorrelation functions) and fractal (logarithmic dependences of power spectra, fractal dimensions) approaches. Diagnostic criteria for changes in the optical anisotropy of biological layers associated with various types of pathology were determined. For students, post-graduate students, tutors and researchers working in the field of biomedical optics, biology, medicine. 180 pp. Englisch.



[Read Laser polarimetry of biological tissues and fluids : Chapter 2. Mueller-matrix mapping of optically thin layers of biological tissues and fluids Online](#)



[Download PDF Laser polarimetry of biological tissues and fluids : Chapter 2. Mueller-matrix mapping of optically thin layers of biological tissues and fluids](#)

## Related Books



### Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How...

[Download eBook](#)

»



### Comic Maths: Sue: Fantasy-Based Learning for 4, 5 and 6 Year Olds

The Captain Papadopoulos Publishing Company, United Kingdom, 2012. Paperback. Book Condition: New. Brian Williamson (illustrator). 276 x 214 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Comic Maths: Sue (Key Stage 1,...

[Download eBook](#)

»



### Primary language of primary school level evaluation: primary language happy reading (grade 6)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-07-01 Pages: 92 Publisher: Tibet People's Publishing House basic information about...

[Download eBook](#)

»



### Third grade - students fun reading and writing training

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 171 Publisher: Shanghai Far East Publishing House Pub. Date :2010-8-1. First. the...

[Download eBook](#)

»



### Big Book of Spanish Words

Usborne Publishing Ltd. Book Condition: New. Suitable for young language learners, this book includes over a thousand words of basic Spanish vocabulary. A picture associated with each word aids learning, there is a bilingual word...

[Download eBook](#)

»