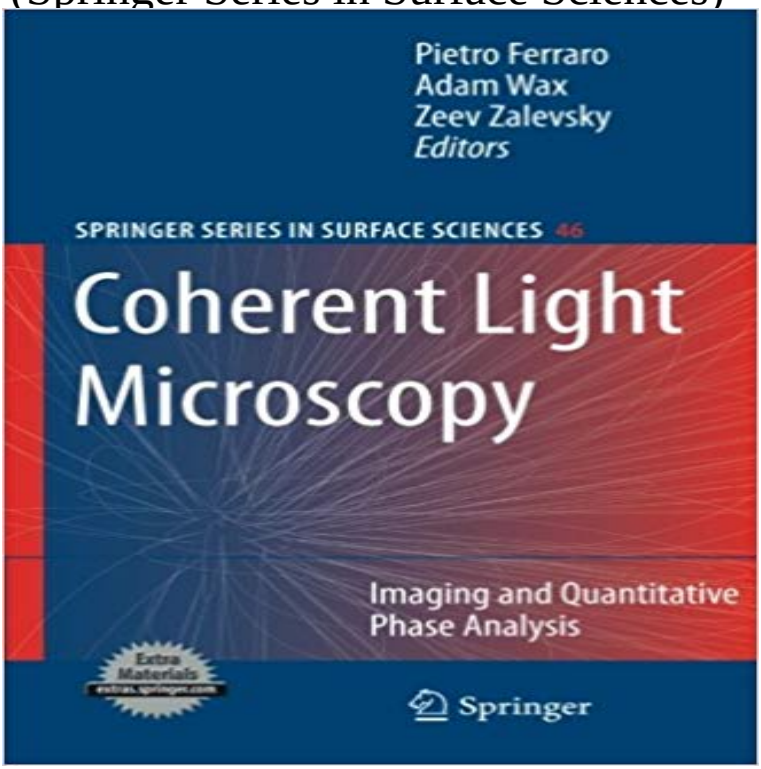
Coherent Light Microscopy: Imaging and Quantitative Phase Analysis (Springer Series in Surface Sciences)



This book illustrates the strengths and capabilities of developing techniques in optical coherent microscopy. The areas of application of this technique are in biomedicine, medicine, life sciences, nanotechnology and materials sciences.

Point Source Digital In-Line Holographic Microscopy - Springer Link 2College of Optical Sciences, The University of Arizona, 1680 E University quantitative phase imaging microscope providing instantaneous routines are presented to remove background surface shape to enable A. A. Shtil, Quantitative real-time analysis of nucleolar stress by coherent phase microscopy, J. Biomed. **Coherent light microscopy [electronic resource] : imaging and** In Coherent Light Microscopy: Imaging and Quantitative Phase Analysis (1 ed., Vol. 46, pp. 229-265). (Springer Series in Surface Sciences Vol. 46, No. 1). **Optics InfoBase: Optics Express - X-ray phase imaging** SPIE 9718, Quantitative Phase Imaging II, 971806 (March 9, 2016) doi:10.1117/ Ferraro, P. Wax, A., and Zalevsky, Z. (Eds.), [Coherent Light Microscopy, Imaging and Quantitative Phase Analysis (Springer Series in Surface Sciences, Vol. **Dynamic quantitative phase imaging for biological objects using a** X-ray phase imaging: Demonstration of extended conditions with homogeneous objects . eds., Vol 56 in Springer Series in Optical Sciences (Springer-Verlag, Berlin, 1988), pp. Quantitative phase imaging using hard x rays,??? the scanning transmission x-ray microscope,??? in Short Wavelength Coherent Radiation, **Enhanced quantitative phase imaging in self-interference digital** Epi-detection of vibrational phase contrast coherent anti-Stokes Raman scattering . Imaging of surface plasmon polariton interference using phase-sensitive photon scanning Vibrational phase contrast CARS microscopy for quantitative analysis . accepted for publication Springer Series in Chemical Physics 2008 **Progress in Optics - Google Books Result** Feb 9, 2011 The coherent light microscopy reference provided here does not focus on the experimental Coherent Light Microscopy: Imaging and Quantitative Phase Analysis . Volume 46 of Springer Series in Surface Sciences. **Springer Series in Surface Sciences: Coherent Light Microscopy** Chapter (1,377 KB). Chapter. Coherent Light Microscopy. Volume

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