

ბარბარა კილოსანიძის პუბლიკაციების სია

2009 - 2019 წ.წ.

1. B. Kilosanidze, G. Kakauridze, I. Kobulashvili. "Photoanisotropic-copies-based pattern recognition system." *Applied Optics* 58, No.7, 1778-1788 (2019). (იმპაქტ ფაქტორი: 1.791)  
იმპაქტ ფაქტორი: 1.791  
<https://doi.org/10.1364/AO.58.001778>
2. G. Kakauridze, B.Kilosanidze, T.Kvernadze, G.Kurkhuli. "Astropolarimetry with a new Polarization-holographic Imaging Stokes Polarimeter," *Journal of Astronomical Telescopes, Instruments, and Systems* JATIS, 5(1), 015002 (2019).  
იმპაქტ ფაქტორი: 3.521  
<https://doi.org/10.1117/1.JATIS.5.1.015002>
3. B Kilosanidze, G. Kakauridze, I. Kobulashvili, „All-optical switching based on the dynamic polarization-holographic gratings.“ *Proceedings of the Optics & Photonics International Congress, IP-7-06*, pp. 93-94 (2019).
4. I. Chaganava, B. Kilosanidze, I.Kobulashvili, “The resemblance of polarization spectra of polymers between photo- and mechanically induced microstrains.” *Optical Manipulation and Structured Materials/SPIE Structured Light*, Editors: Takashige Omatsu, Hajime Ishihara, Keiji Sasaki, SPIE Proceedings, vol. 11141, 1114101-177 (2019).  
იმპაქტ ფაქტორი: 0.90  
<https://doi.org/10.1117/12.2535563>
5. B Kilosanidze, G. Kakauridze, I. Kobulashvili, “A new Pattern Recognition System Using Photoanisotropic Phenomena in Polarization Sensitive Materials.” *CLEO Pacific Rim Conference 2018, OSA Technical Digest (Optical Society of America, paper W3A.29)* (2018).  
<https://doi.org/10.1364/CLEOPR.2018.W3A.29>
6. I. Chaganava, B. Kilosanidze, G. Kakauridze, L. Oriol, M. Piñol, A. Martinez-Felipe. “Induction of the vector polyphotochromism in side-chain azopolymers.” *Journal of Photochemistry and Photobiology. A, Chemistry Elsevier*, 354, 70–77 (2018).  
იმპაქტ ფაქტორი: 3.261  
<https://doi.org/10.1016/j.jphotochem.2017.09.067>
7. B. Kilosanidze, G. Kakauridze, I. Kobulashvili. “Pattern recognition based on analysis of the summary ellipse polarization state in the Fraunhofer diffraction region.” *Optics, Photonics, and Digital Technologies for Imaging Applications V*, SPIE Proceedings, vol.10679, 10679-76 (2018).  
იმპაქტ ფაქტორი: 0.90  
<https://doi.org/10.1117/12.2315376>
8. B. Kilosanidze, G. Kakauridze, I. Kobulashvili, Y.Mshvenieradze. “Polarization-holographic-element-based-method for determining the complex birefringence distribution.” *OSA Publishing, Conference Papers, FiO/LS - 2018, JTu3A*, pp. JTu3A-17 (2018).  
<https://doi.org/10.1364/FIO.2018.JTu3A.17>
9. T. Kvernadze, G. Kurkhuli, B. Kilosanidze, G. Kakauridze, V. Kulijanishvili, E. Khutsishvili, D. Khutsishvili. “Innovative polarization-holographic imaging Stokes spectropolarimeter for astronomy” *Digest of the 229th Meeting of the American Astronomical Society*, p. 314 (2017).  
<https://doi.org/10.1117/12.2253749>

10. T. Kvernadze, G. Kurkhuli, B. Kilosanidze, G. Kakauridze, V. Kulijanishvili, E. Khutsishvili, O. Kvaratskhelia, D. Khutsishvili, „First test observations of the selected astronomical objects using polarization – holographic Stokes polarimeter.“ *Astronomy & Astrophysics (International Scientific Journal, Caucasus)*, Vol. 2, pp. 41-46 (2017).  
<http://sjuni.edu.ge/journal/index.php/AA/article/view/20>.
11. B. Kilosanidze, G. Kakauridze, T. Kvernadze, G. Kurkhuli. „Innovative polarization-holographic imaging Stokes spectropolarimeter for astronomy.“ *Photonic Instrumentation Engineering IV*, Editor(s): Yakov G. Soskind; Craig Olson. *Proceedings of SPIE*, Vol. 10110 (2017).  
იმპაქტ ფაქტორი: 0.90  
<https://doi.org/10.1117/12.2253749>
12. I.Chaganava, B.Kilosanidze, G.Kakauridze, L.Oriol, M.Piñol, A Martinez-Felipe. “Photoanisotropy in polarization-sensitive polymer materials based on the media with covalently-bonded components.” *Organic Photonic Materials and Devices XIX*, Editor(s): Christopher E. Tabor, François Kajzar, Toshikuni Kaino, Yasuhiro Koike, *Proceedings of SPIE*, vol. 10101, 10101M (2017).  
იმპაქტ ფაქტორი: 0.90  
<https://doi.org/10.1117/12.2249997>
13. B.Kilosanidze, I.Chaganava, G.Kakauridze, L.Oriol, M.Piñol, A. Martinez-Felipe. “The phenomenon of vector polyphotochromism in polarization-sensitive materials.” *OSA Technical Digest, Paper FF3G. 7*, 12-13 (2016).  
<https://doi.org/10.1364/FIO.2016.FF3G.7>
14. B. Kilosanidze, G. Kakauridze, I. Kobulashvili. “A new photoanisotropic-copies-based pattern recognition system.” *Frontier in Optics, OSA, Technical Digest, Paper # JTh2A.77* (2016).  
<https://doi.org/10.1364/FIO.2016.JTh2A.77>  
G. Kakauridze, B. Kilosanidze, T. Kvernadze, G. Kurkhuli. “Real-time polarization-holographic Stokes-astropolarimeter for observations of stars and extended objects.” *Astronomy & Astrophysics (Caucasus)*, Vol.1, pp. 24-33 (2015).  
Online ISSN: 2449-2914. Print ISSN: 2449-2493.  
<http://sjuni.edu.ge/journal/index.php/AA/article/view/7>
15. G. Kakauridze, B. Kilosanidze, T. Kvernadze, G. Kurkhuli. “A new real-time polarimetric method for determining the distribution of stressed state in different constructions.” *Photonic Instrumentation Engineering II*. Editor(s): Yakov G. Soskind; Craig Olson. *Proceedings of SPIE*, Vol. 9369, 93690U (2015).  
იმპაქტ ფაქტორი: 0.9)  
<https://doi.org/10.1117/12.2079063>
16. I Chaganava, B Kilosanidze, G Kakauridze. “Light manipulating vector polyphotochromatic behavior in organic polarization-sensitive materials.” *Light Manipulating Organic Materials and Devices II*. Editor: Jon A. Schuller. *Proceedings of SPIE*. Vol. 9564. pp. 95640L-95640L (2015).  
იმპაქტ ფაქტორი: 0.90  
<https://doi.org/10.1117/12.2188049>
17. B. Kilosanidze, G. Kakauridze, T. Kvernadze, G. Kurkhuli. “Sensor for real-time determining the polarization state distribution in the object images.” *Optics and Photonics for Counterterrorism, Crime Fighting, and Defence XI; and Optical Materials and Biomaterials in Security and Defence Systems Technology XII*, Editor(s): Douglas Burgess; Gari Owen; Harbinder Rana; Roberto Zamboni; François Kajzar; Attila A. Szep. *Proceedings of SPIE*. Vol. 9652, 96520M (2015).  
იმპაქტ ფაქტორი: 0.90  
<https://doi.org/10.1117/12.2195078>

19. L. Nadareishvili, R. Bakuradze, B. Kilosanidze, N. Topuridze, L. Sharashidze, I. Pavlenishvili. "Graded orientation of the linear polymers." International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 9, No. 2, pp. 251- 25 (2015).  
[scholar.waset.org/1999.8/10000468](http://scholar.waset.org/1999.8/10000468)
20. B. Kilosanidze, G. Kakauridze, L. Nadareishvili, Yu. Mshvenieradze, "New method for determining the distribution of birefringence and linear dichroism in polymer materials based on polarization-holographic grating." International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 9, No. 2, pp. 257- 261(2015).  
[scholar.waset.org/1307-6892/10000469](http://scholar.waset.org/1307-6892/10000469)
21. I. Chaganava, G. Kakauridze, B. Kilosanidze, Yu. Mshvenieradze, "Vector photochromism in polarization-sensitive materials." Optics Letters, vol. 39, No.13, pp. 3841-3844 (2014).  
იმპაქტ ფაქტორი: 3.866  
<https://doi.org/10.1364/OL.39.003841>
22. I. Chaganava, G. Kakauridze, B. Kilosanidze, Yu. Mshvenieradze. "Light-controlled vector polyphotochromism," Organic Photonics VI. Editor(s): Barry P. Rand; Chihaya Adachi; David Cheyns; Volker van Elsbergen Proceedings of SPIE, Vol. 9137, 9137-38 (2014).  
იმპაქტ ფაქტორი: 0.74  
<https://doi.org/10.1117/12.2051756>
23. B. Kilosanidze, G. Kakauridze, I. Chaganava, Yu. Mshvenieradze, "Dynamic polarization holography: 2. Dynamic polarization-holographic gratings and their application." Applied Optics 52 (5), 1006-1015 (2013).  
იმპაქტ ფაქტორი: 1.973  
<https://doi.org/10.1364/AO.52.001006>
24. B. Kilosanidze, G. Kakauridze, "Optical Information Processing by Polarization-Holographic Elements," Digital Holography and Three-Dimensional Imaging (DH), OSA Technical Digest, paper: DM4C.1 (2012).  
<https://doi.org/10.1364/DH.2012.DM4C.1>
25. I. Chaganava, G. Kakauridze, B. Kilosanidze, G. Datukishvili, "Development of high-performance, stable and moisture-resistant polarization-sensitive materials," Optical Manufacturing and Testing IX, edited by James H. Burge; Oliver W. Föhnle; Ray Williamson. Proceedings of SPIE Vol. 8126, 8126 – 51 (2011).  
იმპაქტ ფაქტორი: 1.13  
<https://doi.org/10.1117/12.894710>
26. G. Kakauridze, B. Kilosanidze, "The possibility of application of polarization-holographic elements for the discovery and characterization of exoplanets," Techniques and Instrumentation for Detection of Exoplanets V, edited by Stuart Shaklan. Proc. of SPIE Vol. 8151, 81510C (2011).  
იმპაქტ ფაქტორი: 1.13  
<https://doi.org/10.1117/12.894629>
27. B. Kilosanidze, G. Kakauridze, "Determination of the characteristics of the surface of objects at optical remote sensing by the Polarization-Holographic Imaging Stokes Spectropolarimeter," Optical Measurement Systems for Industrial Inspection, edited by Peter H. Lehmann, Proc. of SPIE Vol. 8082, 8082-126 (2011).  
იმპაქტ ფაქტორი: 1.13  
<https://doi.org/10.1117/12.889500>

28. I.Chaganava, G. Kakauridze, B. Kilosanidze, “Photoanisotropy in polarization-sensitive medium developed on the basis of polar water-soluble components,” Practical Holography XXV: Materials and Applications, edited by Hans I. Bjelkhagen, Proc. of SPIE Vol. 7957, 7957-14 (2011).  
 იმპაქტ ფაქტორი: 1.13  
<https://doi.org/10.1117/12.874744>
- G. Kakauridze, B. Kilosanidze, “Dynamic energy transfer in a polarization hologram at low intensity of working beams,” Practical Holography XXV: Materials and Applications, edited by Hans I. Bjelkhagen, Proc. of SPIE Vol. 7957, 7957-49 (2011).  
 იმპაქტ ფაქტორი: 1.13  
<https://doi.org/10.1117/12.873783>
29. G. Kakauridze, B. Kilosanidze, “Polarization-holographic diffraction element-based real-time Imaging Stokes Spectropolarimetry,” Practical Holography XXV: Materials and Applications, edited by Hans I. Bjelkhagen, Proc. of SPIE Vol. 7957, 7957-28 (2011).  
 იმპაქტ ფაქტორი: 1.13  
<https://doi.org/10.1117/12.873847>
30. B. Kilosanidze, G. Kakauridze, “Integral Polarization-Holographic Element for Real-Time Complete Analysis of the Polarization State of Light.” Frontiers in Optics (FiO) 2010 paper: FThV4. OSA Technical Digest (CD) (2010).  
<https://doi.org/10.1364/FIO.2010.FThV4>
31. B. Kilosanidze, “Generalization of Jones vector-matrix method and regularity of Veigert-effect for partially polarized light.” JOSA A, 27, No. 6, 1442-1449 (2010).  
 იმპაქტ ფაქტორი: 1.861  
<https://doi.org/10.1364/JOSAA.27.001442>
32. B. Kilosanidze, G. Kakauridze, I. Chaganava, “Dynamic polarization holography. Methods and applications,” Holography: Advances and Modern Trends, SPIE Proceedings, Vol. 7358 (2009).  
 იმპაქტ ფაქტორი: 0.51  
[doi:10.1117/12.834253](https://doi.org/10.1117/12.834253)
33. B. Kilosanidze, G. Kakauridze, “Polarization-holographic diffraction element for complete analysis of light,” Holography: Advances and Modern Trends, SPIE Proceedings, Vol. 7358. (2009).  
 იმპაქტ ფაქტორი: 0.51  
[doi: 10.1117/12.821767](https://doi.org/10.1117/12.821767)
34. B. Kilosanidze, G. Kakauridze, I. Chaganava, “Dynamic Polarization Holography: Methods and Applications.” Journal of Holography and Speckle, 2009, Vol. 5, pp. 52–61 (2009).  
 იმპაქტ ფაქტორი: 0.18  
<https://doi.org/10.1166/jhs.2009.008>
35. B. Kilosanidze, G. Kakauridze, I. Chaganava, “Dynamic polarization holography. 1. Dynamic polarization-sensitive materials on the basis of azo-dye-containing polymers.” Applied Optics 48, No. 10, 1861- 1868 (2009).  
 იმპაქტ ფაქტორი: 1.973  
<https://doi.org/10.1364/AO.48.001861>

- 37 B. Kilosanidze, G. Kakauridze, Yu. Mshvenieradze, I. Chaganava, “Polarization- holographic gratings and devices on their basis: Polarization-holographic protection system and Polarization-holographic saccharimeter.” European-photonics-innovation-village materials (2008).  
<http://www.rhenaphotonics.fr/european-photonics-innovation-village2008.php>
- 38 გ. კაკაურიძე, ბ. კილოსანიძე, ი. მშვენიერაძე. “პოლარიზაციის სიბრტყის მობრუნების კუთხის პრეციზიული გაზომვის მეთოდი პოლარიზაციული მესერის მეშვეობით,” კონფერენცია “ინფორმაციის ჰოლოგრაფიული და ოპტიკური ჩაწერა, შენახვა და დამუშავება, HOLOOPTO-2008”, თეზისების კრებული, გვ. 14-16 (2008).  
<http://old.rustaveli.org.ge/upload/topic/1288782468.pdf>
- 39 ბ. კილოსანიძე, გ. კაკაურიძე, ი. ჩაგანავა. “დინამიური პოლარიზაციულ-ჰოლოგრაფიული დიფრაქციული მესერები.” კონფერენცია “ინფორმაციის ჰოლოგრაფიული და ოპტიკური ჩაწერა შენახვა და დამუშავება, HOLOOPTO-2008”, თეზისების კრებული, გვ. 10-11 (2008).  
<http://old.rustaveli.org.ge/upload/topic/1288782468.pdf>
- 40 გ. კაკაურიძე, ბ. კილოსანიძე, გ. ქურსული, ე. ხუციშვილი. “პოლარიზაციულ-ჰოლოგრაფიული დიფრაქციული ელემენტის გამოყენება ასტროპოლარიმეტრიაში.” კონფერენცია “ინფორმაციის ჰოლოგრაფიული და ოპტიკური ჩაწერა, შენახვა და დამუშავება, HOLOOPTO-2008”, თეზისების კრებული, გვ. 7-10 (2008).  
<http://old.rustaveli.org.ge/upload/topic/1288782468.pdf>
- 41 B. Kilosanidze, G. Kakauridze, “Polarization-holographic gratings for analysis and transformations of light:  
1. The analysis of completely polarized light.” Applied Optics, 46, № 7, 040-1049 (2007).  
იმპაქტ ფაქტორი: 1.973  
<https://doi.org/10.1364/AO.46.001040>
- 42 B. Kilosanidze, G. Kakauridze, “Real-time objects recognition by the photoanisotropic copies.” Optics and Photonics for Counterterrorism and Crime Fighting III, Ed: Colin Lewis, SPIE Proceedings, vol. 6741 (2007).  
იმპაქტ ფაქტორი: 0.57  
<https://doi.org/10.1117/12.779554>
- 43 B. Kilosanidze, G. Kakauridze, “A protection system of a new type.” Optics and Photonics for Counterterrorism and Crime Fighting III, SPIE Proceedings, vol. 6741, (2007).  
იმპაქტ ფაქტორი: 0.57  
<https://doi.org/10.1117/12.737585>
- 44 B. Kilosanidze, G. Kakauridze, L. Margolin, I. Kobulashvili, “Real-time Objects Recognition by Photoanisotropic Copies.” Applied Optics, 2007, 46, № 30, pp. 7537-7543. (2007).  
იმპაქტ ფაქტორი: 1.973  
<https://doi.org/10.1364/AO.46.007537>
- 45 G. Kakauridze, B. Kilosanidze, “Polarization-holographic protection system”. Optics and Photonics in Global Homeland Security III, SPIE Proceedings, vol. 6540, p.50-56 (2007).  
იმპაქტ ფაქტორი: 0.57  
<https://doi.org/10.1117/12.719013>
- 46 B. Kilosanidze, G. Kakauridze, I. Chaganava, “Dynamic polarization-sensitive media.” Optical Memory & Neural Networks (Springer), vol. 16, № 1, pp. 17-23 (2007).  
იმპაქტ ფაქტორი: 0.18  
<https://doi.org/10.3103/S1060992X0701002X>

- 47 B. Kilosanidze, G. Kakauridze, "Polarization-sensitive media for holographic data storage." *Frontiers in Optics (FiO) 2006, OSA Technical Digest (CD)*, paper: JSuA53 (2006).  
<https://doi.org/10.1364/FIO.2006.JSuA53>
- 48 B. Kilosanidze, G. Kakauridze, "Polarization-Holographic Element for Complete Analysis of Light," *Frontiers in Optics (FiO) 2006, OSA Technical Digest (CD)*, paper: FTuY1 (2006).  
<https://doi.org/10.1364/FIO.2006.FTuY1>
- 49 Б.Килосанидзе, Г.Какауридзе. "Динамические поляризационно-чувствительные материалы". *Материалы 3-го Международного форума HOLOEXPO-2006, Москва, с.72-74 (2006)*.
- 50 Б.Килосанидзе, Г.Какауридзе. "Поляризационно-голографический элемент для полного анализа света". *Материалы 3-го Международного форума HOLOEXPO- 2006, Москва, 2006, с. 60-61 (2006)*.
- 51 Г.Какауридзе, Б.Килосанидзе. "Поляризационно-голографическая система защиты важных документов, ценных бумаг и промышленных товаров". *Материалы 3-го Международного форума HOLOEXPO-2006, Москва, 2006, с. 25-27 (2006)*.
- 52 G. Kakauridze, B. Kilosanidze, "Polarization-holographic gratings that form plane-polarized orders of diffraction." *Journal of Optical Technology*, vol.73, # 3, pp. 188-192 (2006).  
oճՅձԵԹ ԳձԵԹՈՐՈ: 0.517  
<https://doi.org/10.1364/JOT.73.000188>
53. B. Kilosanidze, G. Kakauridze, "Dynamic polarization-holographic gratings," *Practical Holography XIX: Materials and Applications, SPIE Proceedings*, vol. 5742, p. 224-233 (2005).  
oճՅձԵԹ ԳձԵԹՈՐՈ: 0.74  
<https://doi.org/10.1117/12.588643>
54. B. Kilosanidze, G. Kakauridze, "Relaxing photoanisotropic media for dynamic polarization holography," *Practical Holography XIX: Materials and Applications*, Ed(s): Tung H. Jeong, Hans I. Bjelkhagen, *SPIE Proceedings*, vol. 5742, 224-233 (2005).  
oճՅձԵԹ ԳձԵԹՈՐՈ: 0.74  
<https://doi.org/10.1117/12.588643>
55. G. Kakauridze, B. Kilosanidze, S. Petrova, V. Shaverdova, "Kinetics of photoanisotropy in relaxing medium on the basis of azodye Demethyl Yellow". *Bulletin of the Georgian Academy of Sciences*, vol. 170, # 2, 249-252 (2004).
56. B. Kilosanidze, G. Kakauridze, "On the model consideration of photoanisotropy in media with dark relaxation". *Bulletin of the Georgian Academy of Sciences*, vol. 169, # 2, p. 282-286 (2004).
57. Sh. Kakichashvili, B. Kilosanidze, "Polarization holographic data storage." *SPIE Proceedings*, vol.4342, 607-612 (2001).  
oճՅձԵԹ ԳձԵԹՈՐՈ: 0.55  
<https://doi.org/10.1364/AO.5.001303>
58. Sh. Kakichashvili, B. Kilosanidze, "Polarization holographic memory of superhigh capacity," *Proceedings, Institute of Cybernetics*, vol. 1, No. 1 – 2, 201–204 (2000).
59. B. Kilosanidze, E. Kakichashvili, "On the theory of space-time polarization holography." *Technical Physics*, Vol. 45, Issue 7, 878-882 (2000).  
oճՅձԵԹ ԳձԵԹՈՐՈ: 0.673  
<https://doi.org/10.1134/1.1259742>



60. B. Kilosanidze, "Polarization recording of holograms in partially polarized recording light," Technical Physics Letters, Vol. 23, Issue 2, 104-108 (1997).  
 იმპაქტ ფაქტორი: 0.773  
<https://doi.org/10.1134/1.1261853>
61. B. Kilosanidze, Sh. Kakichashvili, "A recognition device based on the vector Fourier analysis of transparent objects of arbitrary form," Journal of Optical Technology, Vol. 64, Issue 4, 333-335 (1997).  
 იმპაქტ ფაქტორი: 0.517  
[1997JOptT..64..333K](https://doi.org/10.1134/1.1261853)
62. Sh. Kakichashvili, B. Kilosanidze, "Super-high volume polarization-holographic memory," Journal of Optical Technology, Vol. 64, Issue 4, 331-332 (1997).  
 იმპაქტ ფაქტორი: 0.517  
[1997JOptT..64..331K](https://doi.org/10.1134/1.1261853)
70. Sh. Kakichashvili, B. Kilosanidze, "Modification of the polarization-holographic method for partial polarization of a field of electromagnetic waves," Technical Physics, Vol.42, Issue 6, 709-712 (1997).  
 იმპაქტ ფაქტორი: 0.673  
<https://doi.org/10.1134/1.1258591>
71. Sh. Kakichashvili, B. Kilosanidze, "Modification of the Kirchoff scalar diffraction integral," Technical Physics Letters, Vol.23, Issue 7, 544-545 (1997).  
 იმპაქტ ფაქტორი: 0.773  
<https://doi.org/10.1134/1.1261740>
72. Sh. Kakichashvili, B. Kilosanidze, "Law governing the Weigert effect for partially polarized inducing light," Technical Physics Letters, Vol. 21, Issue 12, 951-954 (1995).  
 იმპაქტ ფაქტორი: 0.773  
<https://elibrary.ru/item.asp?id=21313286>  
 1995TePhL..21..951K
73. B. Kilosanidze, Sh. Kakichashvili, "Nonparaxial generalization of polarization holography," Holographic Imaging and Materials, SPIE Proceedings Vol. 2043, 385-391 (1994).  
<https://doi.org/10.1117/12.165582>
74. Sh.Kakichashvili, B.Kilosanidze, "Nonparaxial generalization of polarization holography." Optics and Spectroscopy, Vol. 71, Issue 6, 603-607 (1991).  
 იმპაქტ ფაქტორი: 0.801  
[1991OptSp..71..603K](https://doi.org/10.1117/12.19372)
75. Sh.Kakichashvili, B.Kilosanidze, V.Shaverdova, " Linearly polarized-light-induced anisotropy and gyrotropy of the azodye mordant pure yellow." Optics and Spectroscopy, Vol. 68, Issue 6, 768-770 (1990).  
 იმპაქტ ფაქტორი: 0.801  
[1990OptSp..68..768K](https://doi.org/10.1117/12.963832)
76. Sh.Kakichashvili, B.Kilosanidze, "Three-dimensional holograms in polarization sensitive media." Three-Dimensional Holography: Science, Culture, Education, SPIE Proceedings, 1991, vol.1238, 74-79 (1991).  
<https://doi.org/10.1117/12.19372>
77. B. Kilosanidze, "Three-dimensional polarization hologram." Holography'89, SPIE Proceedings, Vol.1183, 317-325 (1990).  
<https://doi.org/10.1117/12.963832>
78. Ш.Д.Какичашвили, Б.Н.Килосанидзе, "Поляризационная Фурье-голограмма как оптимальный фильтр"- В сб.: Векторная и трехмерная голография. Изд-во ГПИ, Тбилиси, 1990, с. 45-53.

- 79 Sh. Kakichashvili, B. Kilosanidze, "Theory of polarization holography in 3-D photoanisotropic medium." Optics and Spectroscopy, Vol. 65, Issue 2, 243-246 (1988).  
თბილისის ფიზიკის ინსტიტუტი: 0.801  
[1988OptSp..65..243K](#)
- 80 Ш.Д.Какичашвили, Б.Н.Килосанидзе, "К теории поляризационной голографии в трехмерной фотоанизотропной среде" В сб: Фотоанизотропные и фотогиротропные явления в конденсированных средах и поляризационная голография. Изд-во "Мецниереба", Тбилиси, 1987, с. 59-63.