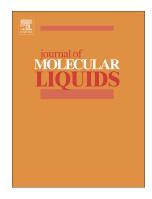
Accepted Manuscript

Optical anisotropy, order parameter and its critical behavior in temperature-dependent refractive indices of nematic liquid crystals



Amid Ranjkesh, Somaye Kiani, Olga Strzeżysz, Mohammad Sadegh Zakerhamidi, Tae-Hoon Yoon

PII:	S0167-7322(18)31036-5
DOI:	doi:10.1016/j.molliq.2018.07.089
Reference:	MOLLIQ 9410
To appear in:	Journal of Molecular Liquids
Received date:	28 February 2018
Revised date:	25 June 2018
Accepted date:	21 July 2018

Please cite this article as: Amid Ranjkesh, Somaye Kiani, Olga Strzeżysz, Mohammad Sadegh Zakerhamidi, Tae-Hoon Yoon, Optical anisotropy, order parameter and its critical behavior in temperature-dependent refractive indices of nematic liquid crystals. Molliq (2018), doi:10.1016/j.molliq.2018.07.089

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Optical anisotropy, order parameter and its critical behavior in temperature-dependent refractive indices of nematic liquid crystals

Amid Ranjkesh¹, Somaye Kiani², Olga Strzeżysz³, Mohammad Sadegh Zakerhamidi^{* 2},

Tae-Hoon Yoon^{† 1}

¹ Department of Electronics Engineering, Pusan National University, Busan 46241, Korea ² Research Institute for Applied Physics and Astronomy, University of Tabriz, Tabriz, Iran ³ Institute of Chemistry, Military University of Technology, 2 Urbanowicza St., 00-908 Warsaw, Poland

[†] Corresponding Authors

Tae-Hoon Yoon

Tel: +82-51-510-2379

Fax: +82-51-515-5190

E-mail: thyoon@pusan.ac.kr

* Corresponding Authors

Mohammad Sadegh Zakerhamidi

Tel: +98-41-33393027

Fax: +98-41-33347050

E-mail: Zakerhamidi@tabrizu.ac.ir

[+] These authors contributed equally to this work

Download English Version:

https://daneshyari.com/en/article/7841786

Download Persian Version:

https://daneshyari.com/article/7841786

Daneshyari.com