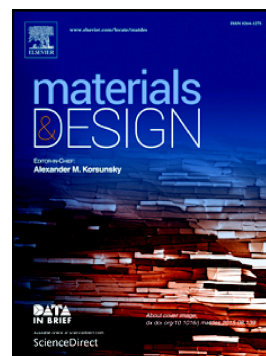


Accepted Manuscript

Structural and spectroscopic properties of new noncentrosymmetric self-activated borate $\text{Rb}_3\text{EuB}_6\text{O}_{12}$ with B_5O_{10} units

V.V. Atuchin, A.K. Subanakov, A.S. Aleksandrovsky, B.G. Bazarov, J.G. Bazarova, T.A. Gavrilova, A.S. Krylov, M.S. Molokeev, A.S. Oreshonkov, S.Yu. Stefanovich



PII: S0264-1275(17)31109-7
DOI: doi:[10.1016/j.matdes.2017.12.004](https://doi.org/10.1016/j.matdes.2017.12.004)
Reference: JMADE 3555
To appear in: *Materials & Design*
Received date: 24 August 2017
Revised date: 1 December 2017
Accepted date: 1 December 2017

Please cite this article as: V.V. Atuchin, A.K. Subanakov, A.S. Aleksandrovsky, B.G. Bazarov, J.G. Bazarova, T.A. Gavrilova, A.S. Krylov, M.S. Molokeev, A.S. Oreshonkov, S.Yu. Stefanovich, Structural and spectroscopic properties of new noncentrosymmetric self-activated borate $\text{Rb}_3\text{EuB}_6\text{O}_{12}$ with B_5O_{10} units. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Jmade*(2017), doi:[10.1016/j.matdes.2017.12.004](https://doi.org/10.1016/j.matdes.2017.12.004)

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.

Corresponding author: V.V. Atuchin

Institute of Semiconductor Physics, Novosibirsk 630090, Russia

Phone: +7 (383) 3308889

E-mail: atuchin@isp.nsc.ru

Structural and spectroscopic properties of new noncentrosymmetric self-activated borate $\text{Rb}_3\text{EuB}_6\text{O}_{12}$ with B_5O_{10} units

V.V. Atuchin^{1,2,3}, A.K. Subanakov^{4,5}, A.S. Aleksandrovsky^{6,7}, B.G. Bazarov^{4,5}, J.G. Bazarova^{4,5}, T.A. Gavrilova⁸, A.S. Krylov⁹, M.S. Molokeev^{10,11,12}, A.S. Oreshonkov^{9,13}, S.Yu. Stefanovich¹⁴

¹Laboratory of Optical Materials and Structures, Institute of Semiconductor Physics, SB RAS,
Novosibirsk 630090, Russia

²Functional Electronics Laboratory, Tomsk State University, Tomsk 634050, Russia

³Laboratory of Single Crystal Growth, South Ural State University, Chelyabinsk 454080, Russia

⁴Baikal Institute of Nature Management, SB RAS, Ulan-Ude 670047, Russia

⁵Buryat State University, Ulan-Ude 670000, Russia

⁶Laboratory of Coherent Optics, Kirensky Institute of Physics, Federal Research Center KSC SB
RAS, Krasnoyarsk 660036, Russia

⁷Institute of Nanotechnology, Spectroscopy and Quantum Chemistry, Siberian Federal
University, Krasnoyarsk 660041, Russia

⁸Laboratory of Nanodiagnostics and Nanolithography, Institute of Semiconductor Physics, SB
RAS, Novosibirsk 630090, Russia

⁹Laboratory of Molecular Spectroscopy, Kirensky Institute of Physics, Federal Research Center
KSC SB RAS, Krasnoyarsk 660036, Russia

Download English Version:

<https://daneshyari.com/en/article/7217518>

Download Persian Version:

<https://daneshyari.com/article/7217518>

[Daneshyari.com](https://daneshyari.com)