

[Tronciu Vasile](#)

5. Publicații la manifestări din RM

5.4. Teze / rezumate în culegerile de la alte manifestări din RM - 12

Teze/Rezumate în culegeri - 19.

2023 - 1

New Characteristics of Blue Self-pulsating InGaN Lasers

Grigoriev Eugeniu, Rusu Spiridon, Tronciu Vasile

T.G. Shevchenko State University of Pridnestrovie, Tiraspol

IFMBE Proceedings Nanotechnologies and Biomedical Engineering

Nr. 3(82) / 2016 / ISSN 1024-7696 / ISSNe 2587-4322

Disponibil online 11 October, 2023. Descarcări-2. Vizualizări-237

2016 - 2

Analyzing limits of linewidth reduction of a DFB laser by an external resonator

Tronciu Vasile¹, Wenzel Hans², Wunsche Hans Jurgen²

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Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 18 July, 2019. Descarcări-1. Vizualizări-618

Chaos based communications with quantum dots lasers under the influence of multiple feedbacks

Oloinic Tatiana, Rusu Spiridon, Tronciu Vasile

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Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 31 July, 2019. Descarcări-5. Vizualizări-621

2015 - 3

Anticipated synchronization of passive dispersive reflector semiconductor laser

Ciobanu Natalia¹, Rusu Spiridon², Tronciu Vasile²

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² Technical University of Moldova

Nanotechnologies and Biomedical Engineering

Nr. 1(307) / 2009 / ISSN 1857-064X

Disponibil online 10 April, 2019. Descarcări-0. Vizualizări-615

The influence of external cavity optical feedback on the dynamics of quantum dots lasers

Sanduța Ana, Rusu Spiridon, Tronciu Vasile

Technical University of Moldova

Nanotechnologies and Biomedical Engineering

Nr. 1(307) / 2009 / ISSN 1857-064X

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Theoretical treatment of millimeter and terahertz radiation action on biological media

Ciobanu Natalia¹², Vovc Victor¹, Saulea Aurel¹, Tronciu Vasile³

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Nanotechnologies and Biomedical Engineering

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Disponibil online 12 April, 2019. Descarcări-1. Vizualizări-724

2014 - 3

Dynamics of quantum dots lasers structures with optical feedback

Sanduța Ana, Rusu Spiridon, Tronciu Vasile

Technical University of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 25 February, 2019. Descarcări-1. Vizualizări-562

Simulations and experiments of external cavity diode lasers

Tronciu Vasile¹, Radziunas Mindaugas², Luvsandamdin Erdenetsetseg³, Kiirbis C.³, Wicht Andreas³, Wenzel H.³

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Materials Science and Condensed Matter Physics

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Disponibil online 24 February, 2019. Descarcări-1. Vizualizări-766

Theoretical study of the modal behaviour of an external cavity diode laser

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Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 16 March, 2019. Descarcări-1. Vizualizări-619

2013 - 1

Nonlinear cooperative phenomena caused by Fröhlich phonons in biological objects

Ciobanu Nellu¹, Rotaru Anatol², Tronciu Vasile³

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² "Nicolae Testemițanu" State University of Medicine and Pharmacy,

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Nanotechnologies and Biomedical Engineering

Nr. 1(29) / 2005 / ISSN 1810-6455

Disponibil online 20 June, 2019. Descarcări-0. Vizualizări-806

2012 - 2

CMT 2 P Quantum treatment of optical self - organization phenomena of excitons and biexcitons in ring cavity

Tronciu Vasile¹, Rotaru Anatol²

¹ Technical University of Moldova,

² Moldova State University

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CMT 3 P Theory of anticipated synchronization of DFB laser with passive dispersive reflector

Tronciu Vasile¹, Rusu Spiridon¹, Rotaru Anatol²

¹ Technical University of Moldova,

² Moldova State University

Materials Science and Condensed Matter Physics

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