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Dynamics of quantum dots lasers under the influence of double cavity external optical feedback

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Technical University of Moldova

Telecommunications, Electronics and Informatics

Ed. 5. 2015. Chișinău, Republica Moldova. [ISBN 978-9975-45-377-6](#).

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Stationary states of external cavity diode laser

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Telecommunications, Electronics and Informatics

Ed. 5. 2015. Chișinău, Republica Moldova. [ISBN 978-9975-45-377-6](#).

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Anticipated synchronization of DFB Lasers with passive dispersive section

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

Sanduța Ana, Rusu Spiridon, Tronciu Vasile

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IFMBE Proceedings

Editia 3, Vol.55. 2016. . [ISSN 16800737](#).

Disponibil online 16 January, 2023. Descarcări-0. Vizualizări-230

Anticipated synchronization of passive dispersive reflector semiconductor laser

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Instabilities and Bifurcations of a DFB Laser Frequency-Stabilized by a High-Finesse Resonator

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IEEE Journal of Quantum Electronics

1(53) / 2017 / ISSN 0018-9197

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Tuning the emission of micro ring lasers using integrated optical feedback: Experiments and travelingwave simulations

Khoder Mulham¹, Radziunas Mindaugas², Tronciu Vasile³, Danckaert Jan¹, Verschaffelt Guy¹

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Coexistence of multiple stable continuous-wave states in micro-integrated external-cavity diode lasers

Radziunas Mindaugas¹, Tronciu Vasile², Luvsandamdin Erdenetsetseg³, Kurbis Christian³, Wicht Andreas³, Wenzel Hans A.³

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Quantum dots lasers dynamics under the influence of double cavity external feedback

Rusu Spiridon, Oloinic Tatiana, Tronciu Vasile

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Chaotic semiconductor ring lasers subject to optical feedback: Applications to chaos-based communications

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Study of stationary states and dynamics of a laser with feedback from external cavities

Grigoriev Eugeniu

Technical University of Moldova

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Theoretical study of the behavior of a DBR laser subject to external optical feedback

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Disponibil online 28 August, 2023. Descarcări-0. Vizualizări-158

Travelling-wave analysis of extended cavity diode lasers

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Anticipated synchronization of semiconductor lasers with passive dispersive reflectors

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Excitability of lasers with integrated dispersive reflector

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