

Development of quantum cascade laser simulation software

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Development of the software tools for simulation of quantum well media for radiation amplification in MIR and THz regions

Udal, Andres; Reeder, Reeno; Valusis, G.; Kasalynas, I.; Ikonic, Zoran; Indjin, D. 3rd Annual Conference of COST Action MP1204 & 6th International Conference on Semiconductor Mid-IR Materials and Optics SMMO2015 : book of abstracts : Institute of Photonics and Electronics, The Czech Academy of Sciences, Prague, Czech Republic, April 8-11, 2015 2015 / p. 63

Efficiency estimation for a broadband 7 THz radiation source with GaAs/AlGaAs parabolic quantum wells

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Laterally pumped GaAs/AlGaAs quantum wells as sources of broadband terahertz radiation

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Progress in development of the resonant tunneling diodes as promising compact sources at the THz gap bottom

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Recent progress in development of the resonant tunneling diode sources for the critical part of THz gap

Udal, Andres; Jaanus, Martin; Valušis, Gintaras; Kašalynas, Irmantas; Ikonic, Zoran; Indjin, Dragan 4th Annual Conference of COST Action MP1204 & SMMO2016 Conference : Lisbon, Portugal, 21-24 March 2016 2016 / [1] p

Resonant tunneling devices as the promising sources in THz gap bottom for the security imaging and detection

Udal, Andres; Valusis, G.; Kasalynas, I.; Ikonic, Zoran; Indjin, D. Abstract book of Tera-MIR 2015 : NATO Advanced Research Workshop on THz Diagnostics of CBRN Effects and Detection of Explosives & CBRN : Izmir, Turkey, 3-6 November 2015 2015 / p. 65