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标题: A weakly coupled semiconductor superlattice as a potential for a radio frequency modulated terahertz light emitter

作者: Rasulova, GK (Rasulova, G. K.); Brunkov, PN (Brunkov, P. N.); Pentin, IV (Pentin, I. V.); Egorov, AY (Egorov, A. Yu.); Knyazev, DA (Knyazev, D. A.); Andrianov, AV (Andrianov, A. V.); Zakhar'in, AO (Zakhar'in, A. O.); Konnikov, SG (Konnikov, S. G.); Gol'tsman, GN (Gol'tsman, G. N.)

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摘要: The bolometer response to THz radiation from a weakly coupled GaAs/AlGaAs superlattice biased in the self-oscillations regime has been observed. The bolometer signal is modulated with the frequency equal to the fundamental frequency of superlattice self-oscillations. The frequency spectrum of the bolometer signal contains higher harmonics whose frequency is a multiple of fundamental frequency of self-oscillations. VC 2012 American Institute of Physics. [http://dx.doi.org/10.1063/1.3696673]

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地址: [Rasulova, G. K.; Knyazev, D. A.] Russian Acad Sci, PN Lebedev Phys Inst, Moscow 119991, Russia

[Brunkov, P. N.; Andrianov, A. V.; Zakhar'in, A. O.; Konnikov, S. G.] Russian Acad Sci, AF Ioffe Phys Tech Inst, St Petersburg 194021, Russia

[Pentin, I. V.; Gol'tsman, G. N.] Moscow State Pedag Univ, Moscow 119992, Russia

[Egorov, A. Yu.] Russian Acad Sci, St Petersburg Acad Univ Nanotechnol Res & Educ Ct, St Petersburg 195220, Russia

通讯作者地址: Rasulova, GK (通讯作者), Russian Acad Sci, PN Lebedev Phys Inst, Moscow 119991, Russia

电子邮件地址: rasulova@sci.lebedev.ru

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