Списък на публикациите на Тихомир Генчев Тенев

PHYSICAL REVIEW B 79, 085301 2009

Energy level spectroscopy of InSb quantum wells using quantum-well LED emission

T. G. Tenev and A. Palyi*

Department of Physics, University of Lancaster, Lancaster LA1 4YB, United Kingdom

B. I. Mirza

Department of Electrical and Electronic Engineering, Photonics Group, University of Bristol, Bristol BS8 1UB, United Kingdom G. R. Nash†

QinetiQ, Malvern Technology Centre, Malvern WR14 3PS, United Kingdom

and Department of Electrical and Electronic Engineering, Photonics Group, University of Bristol, Bristol BS8 1UB, United Kingdom

M. Fearn, S. J. Smith, L. Buckle, M. T. Emeny, T. Ashley, and J. H. Jefferson

QinetiQ, Malvern Technology Centre, Malvern WR14 3PS, United Kingdom

C. J. Lambert

Department of Physics, University of Lancaster, Lancaster LA1 4YB, United Kingdom

Received 11 July 2008; revised manuscript received 21 September 2008; published 2 February 2009

PHYSICAL REVIEW A 86, 052114 (2012)

Relativistic effects for spin splitting of neutral particles: Upper bound and motional decrease

Tihomir G. Tenev and Nikolay V. Vitanov

Department of Physics, Sofia University, 5 James Bourchier Boulevard, Sofia 1164, Bulgaria (Received 8 September 2012; published 15 November 2012)

PHYSICAL REVIEW A 87, 012126 (2013)

Zitterbewegung of neutral relativistic particles in static longitudinal fields

Tihomir G. Tenev and Nikolay V. Vitanov

Department of Physics, Sofia University, 5 James Bourchier Blvd., Sofia 1164, Bulgaria (Received 10 October 2012; published 28 January 2013)

PHYSICAL REVIEW A 87, 022103 (2013)

Proposal for trapped-ion emulation of the electric dipole moment of neutral relativistic particles

Tihomir G. Tenev, Peter A. Ivanov, and Nikolay V. Vitanov Department of Physics, Sofia University, 5 James Bourchier Boulevard, Sofia 1164, Bulgaria (Received 12 April 2012; published 4 February 2013)

IOP Publishing Journal of Physics B: Atomic, Molecular and Optical Physics J. Phys. B: At. Mol. Opt. Phys. 46 (2013) 095002 (4pp) doi:10.1088/0953-4075/46/9/095002

Spin splitting of relativistic particles in three dimensions

Tihomir G Tenev and Nikolay V Vitanov

Department of Physics, Sofia University, 5 James Bourchier Blvd, Sofia 1164, Bulgaria

E-mail: tenev@phys.uni-sofia.bg

Received 11 February 2013, in final form 21 March 2013

Published 16 April 2013

Online at stacks.iop.org/JPhysB/46/095002

Carbon

journal homepage: www.elsevier.com/locate/carbon https://doi.org/10.1016/j.carbon.2022.02.041 $0008\text{-}6223/\text{@}\ 2022$ Elsevier Ltd. All rights reserved. Carbon 192 (2022) 61e70

Extreme structure and spontaneous lift of spin degeneracy in doped perforated bilayer graphenes

Iu.A. Melchakova a, b, T.G. Tenev c, N.V. Vitanov c, O.N. Tchaikovskaya b,

L.A. Chernozatonskii d, e, B.I. Yakobson f, P.V. Avramov a, *

a Department of Chemistry, Kyungpook National University, Daegu, South Korea

b Tomsk State University, 36 Lenin Ave, Tomsk, 634050, Russia

c Department of Physics, Sofia University, 5 James Bourchier Blvd, Sofia, 1164, Bulgaria

- e Research School Chemistry and Technology of Polymeric Materials, Plekhanov Russian University of Economics, Moscow, 117997, Russian Federation Rice University, Department of Materials Science and Nanoengineering, Department of Chemistry, and the Smalley Institute, Rice University, Houston, TX, 77005, United States