

# Виктор Александрович Маргулис



(19.08.1946 – 31.05.2019)

После непродолжительной болезни скончался профессор кафедры экспериментальной и теоретической физики института физики и химии МГУ им. Н.П. Огарёва.

Виктор Александрович Маргулис родился 19 августа 1946 года в г. Саранске. В 1968 году окончил физико-математический факультет Мордовского университета. Затем обучался в аспирантуре Института физики полупроводников АН СССР и успешно защитил кандидатскую диссертацию в 1971 году. Заведовал кафедрой теоретической физики с 1998 по 2018 гг. В 2002 году успешно защитил докторскую диссертацию. Работая в Институте физики и химии, проявлял высокий профессионализм и педагогическое мастерство.

Наряду с педагогической деятельностью В.А. Маргулис активно и успешно занимался научной работой в области физики конденсированного состояния, математической физики, физики низкоразмерных систем. Под его руководством было подготовлено не только большое количество выпускников – специалистов физиков, но и 8 кандидатов и 1 доктор физико-математических наук. Был членом двух Докторских Советов по защите диссертаций.

В.А. Маргулис был одним из ведущих физиков-теоретиков Мордовии. В 1997 и 2011 гг. ему были присуждены Государственные премии РМ в области науки и техники.

Среди преподавателей и сотрудников университета пользовался заслуженным уважением и авторитетом.

Текст составлен по материалам страницы [института физики и химии МГУ им. Н.П. Огарёва](#) в социальных сетях.

## Избранные научные публикации В.А. Маргулиса:

1. Margulis, VA; Karpunin, VV.  
Resonances and kinks in the electromagnetic radiation absorption in a graphene ring  
EUROPEAN PHYSICAL JOURNAL B 92(8), - (2019)
2. Karpunin, VV; Margulis, VA.  
Resonance Absorption of Electromagnetic Radiation in a Phosphorene Single Layer  
SEMICONDUCTORS 53(4), 458-464 (2019)
3. Margulis, VA; Karpunin, VV; Mironova, KI.  
Magnetic response of a quantum wire of elliptical cross-section in a magnetic field  
perpendicular to the axis of the wire  
NANOSYSTEMS-PHYSICS CHEMISTRY MATHEMATICS 9(2), 244-251 (2018)
4. Margulis, VA; Karpunin, VV; Mironova, KI.  
Magnetic moment of single layer graphene rings  
SOLID STATE COMMUNICATIONS 269, 108-111 (2018)
5. Karpunin, VV; Margulis, VA.  
Resonant Absorption of Electromagnetic Radiation in a Quantum Channel Due to the  
Scattering of Electrons by Impurities  
OPTICS AND SPECTROSCOPY 122(6), 979-983 (2017)
6. Karpunin, VV; Margulis, VA.  
Hybrid-impurity resonance in a quantum wire placed in a magnetic field  
LOW TEMPERATURE PHYSICS 42(9), 778-781 (2016)
7. Karpunin, VV; Margulis, VA.  
Absorption of electromagnetic radiation in a quantum wire with an anisotropic  
parabolic potential in a transverse magnetic field  
SEMICONDUCTORS 50(6), 769-774 (2016)
8. Margulis, VA.  
Magnetization and polarization of the electron gas in multiferroics  
LOW TEMPERATURE PHYSICS 40(4), 363-366 (2014)
9. Margulis, VA; Pyataev, MA; Ulyanov, SN.  
Photocurrent in a quantum channel with an impurity  
SEMICONDUCTORS 47(9), 1209-1214 (2013)
10. Karpunin, V. V.; Margulis, V. A..  
ABSORPTION OF ELECTROMAGNETIC RADIATION IN THE QUANTUM WELL PLACED IN  
A MAGNETIC FIELD  
NANOSYSTEMS-PHYSICS CHEMISTRY MATHEMATICS 4(3), 324 (2013)

11. Kokoreva, MA; Margulis, VA; Pyataev, MA.  
Electron transport in a two-terminal Aharonov-Bohm ring with impurities  
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 43(9), 1610-1617  
(2011)
12. Margulis, VA; Mironov, VA.  
Magnetic moment of an one-dimensional ring with spin-orbit interaction  
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 43(4), 905-908 (2011)
13. Margulis, VA; Mironov, VA.  
Orbital magnetic moment of a quantum well and a quantum dot in crossed magnetic  
and electric fields  
PHYSICS OF THE SOLID STATE 52(8), 1659-1663 (2010)
14. Margulis, VA; Mironov, VA.  
Magnetic moment of a 2D electron gas with spin-orbit interaction  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 108(4), 656-660 (2009)
15. Margulis, VA; Shorokhov, AV.  
Hybrid-impurity resonances in anisotropic quantum dots  
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 41(3), 483-486 (2009)
16. Karpunin, VV; Margulis, VA.  
Hybrid-phonon resonances in a quantum channel  
SEMICONDUCTORS 42(6), 694-701 (2008)
17. Margulis, VA; Mironov, VA.  
Magnetic moment of the Volcano ring  
PHYSICS OF THE SOLID STATE 50(1), 152-158 (2008)
18. Margulis, V; Pyataev, M.  
Electron transport in crossed nanotubes with a point contact  
PHYSICAL REVIEW B 76(8), - (2007)
19. Kokurin, IA; Margulis, VA.  
Acoustoelectric current through a quantum wire containing a point impurity  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 105(1), 206-209 (2007)
20. Margulis, VA; Pyataev, MA.  
Low-temperature conductance of crossed carbon nanotubes  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 105(1), 210-213 (2007)
21. Kokurin, IA; Margulis, VA.  
Acoustoelectric current through a ballistic microconstriction  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 104(2), 258-268 (2007)

22. Margulis, VA; Pavlova, NF; Shorokhov, AV.  
Hybrid impurity resonance in a three-dimensional anisotropic quantum wire  
PHYSICS OF THE SOLID STATE 48(5), 935-939 (2006)
23. Margulis, VA; Pyataev, MA.  
Electron transport on a cylindrical surface with one-dimensional leads  
PHYSICAL REVIEW B 72(7), - (2005)
24. Margulis, VA; Boyarkina, OV; Gaiduk, EA.  
Non-degenerate optical four-wave mixing in single-walled carbon nanotubes  
OPTICS COMMUNICATIONS 249(1-3), 339-349 (2005)
25. Margulis, VA; Shorokhov, AV.  
Quasi-ballistic electron transport in quantum wires  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 101(5), 907-912 (2005)
26. Kokurin, IA; Margulis, VA; Shorokhov, AV.  
Thermopower of three-dimensional quantum wires and constrictions  
JOURNAL OF PHYSICS-CONDENSED MATTER 16(45), 8015-8024 (2004)
27. Margulis, VA; Pyataev, MA.  
Fano resonances in a three-terminal nanodevice  
JOURNAL OF PHYSICS-CONDENSED MATTER 16(24), 4315-4323 (2004)
28. Bulaev, DV; Geyler, VA; Margulis, VA.  
Effect of surface curvature on magnetic moment and persistent currents in two-dimensional quantum rings and dots  
PHYSICAL REVIEW B 69(19), - (2004)
29. Margulis, VA; Lesin, SA; Boyarkina, OV; Tomilin, OB.  
Tight-binding model calculations in the theory of photoemission from quantum-well states in ultra-thin metallic films: Application to the Ag/V(100) overlayer system  
SURFACE SCIENCE 552(1-3), 123-138 (2004)
30. Galkin, NG; Margulis, VA; Shorokhov, AV.  
Photoconductance of quantum wires in a magnetic field  
PHYSICAL REVIEW B 69(11), - (2004)
31. Galkin, NG; Margulis, VA; Shorokhov, AV.  
Thermopower of carbon nanotubes in a magnetic field  
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES 12(1-2), 129-132 (2004)
32. Margulis, VA.  
Nonlinear cyclotron-impurity resonance in semiconductors  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 99(3), 633-639 (2004)

33. Margulis, VA; Gaiduk, EA; Tomilin, OB.  
Dispersion of the nonlinear optical susceptibility in single-wall carbon nanotubes  
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES 12(1-2), 335-339 (2004)
34. Margulis, VA; Shorokhov, AV.  
Hybrid-phonon resonance in the three-dimensional quantum wire  
PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL. 1, NO. 11  
1(11), 2642-2645 (2004)
35. Bulaev, DV; Margulis, VA.  
Magnetic moment of an electron gas on the surface of constant negative curvature  
EUROPEAN PHYSICAL JOURNAL B 36(2), 183-186 (2003)
36. Bulaev, DV; Geyler, VA; Margulis, VA.  
Quantum Hall effect on the Lobachevsky plane  
PHYSICA B-CONDENSED MATTER 337(1-4), 180-185 (2003)
37. Margulis, VA; Shorokhov, AV.  
Thermopower of two-dimensional channels and quantum point contacts in a magnetic field  
JOURNAL OF PHYSICS-CONDENSED MATTER 15(24), 4181-4188 (2003)
38. Geyler, VA; Margulis, VA; Pyataev, MA.  
Resonant tunneling through a two-dimensional nanostructure with connecting leads  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 97(4), 763-772 (2003)
39. Margulis, VA; Makarov, SV; Piterimova, TV; Gaiduk, EA.  
Collective electronic excitations in a semiconductor superlattice in the Landau and Wannier-Stark ladder regime  
EUROPEAN PHYSICAL JOURNAL B 33(2), 153-164 (2003)
40. Geyler, VA; Demidov, VV; Margulis, VA.  
Transport in the two-terminal Aharonov-Bohm ring  
TECHNICAL PHYSICS 48(6), 661-668 (2003)
41. Bulaev, DV; Margulis, VA.  
Electrodynamic response of a nanosphere placed in a magnetic field  
PHYSICS OF THE SOLID STATE 45(2), 369-380 (2003)
42. Trushin, MP; Margulis, VA; Shorokhov, AV.  
Quantized acoustoelectric current in the ballistic channels  
10TH INTERNATIONAL SYMPOSIUM ON NANOSTRUCTURES: PHYSICS AND TECHNOLOGY 5023, 490-493 (2003)
43. Margulis, VA; Piterimova, TV; Gaiduk, EA.  
Effects of surface scattering on the thermal-noise properties and AC conductance of whiskers  
PHYSICA B-CONDENSED MATTER 324(1-4), 90-101 (2002)

44. Margulis, VA; Shorokhov, AV.  
Hybrid-phonon resonance in a three-dimensional anisotropic quantum well  
PHYSICAL REVIEW B 66(16), - (2002)
45. Bruning, J; Geyley, VA; Margulis, VA; Pyataev, MA.  
Ballistic conductance of a quantum sphere  
JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 35(19), 4239-4247 (2002)
46. Galkin, NG; Margulis, VA; Shorokhov, AV.  
Electrodynamic response of a quantum nanotube in a parallel magnetic field  
PHYSICS OF THE SOLID STATE 44(3), 485-486 (2002)
47. Margulis, VA; Trushin, MP; Shorokhov, AV.  
Quantization of acoustoelectric current in a ballistic channel  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 94(6), 1160-1168 (2002)
48. Geyley, VA; Kostrov, OG; Margulis, VA.  
The density of states for carbon nanotubes in a uniform magnetic field  
PHYSICS OF THE SOLID STATE 44(3), 467-469 (2002)
49. Bulaev, DV; Margulis, VA.  
Absorption of electromagnetic radiation by electrons of a nanosphere  
PHYSICS OF THE SOLID STATE 44(9), 1632-1642 (2002)
50. Bulaev, DV; Geyley, VA; Margulis, VA.  
Electrodynamic response of a nanosphere  
PHYSICS OF THE SOLID STATE 44(3), 490-492 (2002)
51. Margulis, VA; Gaiduk, EA.  
Theoretical modelling of nonlinear refraction and two-photon absorption in single-wall carbon nanotube bundles  
JOURNAL OF OPTICS A-PURE AND APPLIED OPTICS 3(4), 267-275 (2001)
52. Margulis, VA; Gaiduk, EA.  
Dielectric function of single-wall carbon nanotubes  
CHEMICAL PHYSICS LETTERS 341(1-2), 16-22 (2001)
53. Geyley, VA; Margulis, VA; Shorokhov, AV.  
Hybrid resonances in the optical absorption of a three-dimensional anisotropic quantum well  
PHYSICAL REVIEW B 63(24), - (2001)
54. Margulis, VA; Shorokhov, AV; Trushin, MP.  
Magnetic response of an electron gas in a quantum ring of non-zero width  
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 10(4), 518-527 (2001)

55. Margulis, VA; Gaiduk, EA.  
Nature of near-infrared absorption in single-wall carbon nanotubes  
PHYSICS LETTERS A 281(1), 52-58 (2001)
56. Galkin, NG; Margulis, VA; Shorokhov, AV.  
Intraband absorption of electromagnetic radiation by quantum nanostructures with parabolic confinement potential  
PHYSICS OF THE SOLID STATE 43(3), 530-538 (2001)
57. Margulis, VA; Gaiduk, EA; Zhidkin, EN.  
Optical third-harmonic generation from an array of aligned carbon nanotubes with randomly distributed diameters  
DIAMOND AND RELATED MATERIALS 10(1), 27-32 (2001)
58. Margulis, VA; Shorokhov, AV; Trushin, MP.  
Magnetic response of an electron gas in a quantum ring of nonzero width  
PHYSICS OF METALS AND METALLOGRAPHY 92, S209-S212 (2001)
59. Bulaev, DV; Geyler, VA; Margulis, VA.  
Magnetic response for an ellipsoid of revolution in a magnetic field  
PHYSICAL REVIEW B 62(17), 11517-11526 (2000)
60. Margulis, VA; Shorokhov, AV; Trushin, MP.  
Ballistic conductance of a quantum cylinder in a parallel magnetic field  
PHYSICS LETTERS A 276(1-4), 180-186 (2000)
61. Margulis, VA; Gaiduk, EA; Zhidkin, EN.  
Electric-field-induced optical second-harmonic generation and nonlinear optical rectification in semiconducting carbon nanotubes  
OPTICS COMMUNICATIONS 183(1-4), 317-326 (2000)
62. Galkin, NG; Geyler, VA; Margulis, VA.  
Quasiballistic electron transport in a three-dimensional microconstriction  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 91(1), 197-205 (2000)
63. Geyler, VA; Margulis, VA.  
Quantization of the conductance of a three-dimensional quantum wire in the presence of a magnetic field  
PHYSICAL REVIEW B 61(3), 1716-1719 (2000)
64. Galkin, NG; Geyler, VA; Margulis, VA.  
Electron transport across a microconstriction in an arbitrarily oriented homogeneous magnetic field  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 90(3), 517-526 (2000)
65. Albeverio, S; Geiler, VA; Margulis, VA.  
Coupled states in a curved nanostructure  
TECHNICAL PHYSICS LETTERS 26(2), 99-101 (2000)

66. Geiler, VA; Margulis, VA.  
Conductance of a quantum wire in a parallel magnetic field  
SEMICONDUCTORS 33(9), 1040-1042 (1999)
67. Margulis, VA; Gaiduk, EA; Zhidkin, EN.  
Quadratic electro-optic effects in semiconductor carbon nanotubes  
PHYSICS LETTERS A 258(4-6), 394-400 (1999)
68. Margulis, VA; Gaiduk, EA; Zhidkin, EN.  
Third-order optical nonlinearity of semiconductor carbon nanotubes: third harmonic generation  
DIAMOND AND RELATED MATERIALS 8(7), 1240-1245 (1999)
69. Chuchaev, II; Margulis, VA; Shorokhov, AV; Kholodova, SE.  
Magnetic moment of quantum cylinders  
PHYSICS OF THE SOLID STATE 41(5), 774-776 (1999)
70. Margulis, VA.  
Theoretical estimations of third-order optical nonlinearities for semiconductor carbon nanotubes  
JOURNAL OF PHYSICS-CONDENSED MATTER 11(15), 3065-3074 (1999)
71. Geiler, VA; Margulis, VA; Shorokhov, AV.  
Magnetic response of a two-dimensional degenerate electron gas in nanostructures with cylindrical symmetry  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 88(4), 800-806 (1999)
72. Geyley, VA; Margulis, VA.  
Ballistic transport in a quantum wire with a noncircular cross-section  
PHYSICA E 4(2), 128-131 (1999)
73. Margulis, VA; Gaiduk, EA.  
The effect of side chain substituents on third-order optical nonlinearity of conjugated polymers: a theoretical study  
SYNTHETIC METALS 97(3), 175-190 (1998)
74. Filina, LI; Geyley, VA; Margulis, VA; Tomilin, OB.  
Magnetic moment of a three-dimensional quantum well in a quantizing magnetic field  
PHYSICS LETTERS A 244(4), 295-302 (1998)
75. Geiler, VA; Margulis, VA; Filina, LI.  
Conductance of a quantum wire in a longitudinal magnetic field  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 86(4), 751-762 (1998)
76. Margulis, VA; Sizikova, TA.  
Theoretical study of third-order nonlinear optical response of semiconductor carbon nanotubes  
PHYSICA B 245(2), 173-189 (1998)



77. Geiler, VA; Margulis, VA.  
Ballistic conductance of a quasi-one-dimensional microstructure in a parallel magnetic field  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 84(6), 1209-1214 (1997)
78. Margulis, VA.  
A hybrid-phonon resonance in a quasi-two-dimensional nanostructure  
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS 84(3), 603-611 (1997)
79. Geiler, VA; Margulis, VA.  
Specific heat of quasi-two-dimensional systems in a magnetic field  
PHYSICAL REVIEW B 55(4), 2543-2548 (1997)
80. Geiler, V A; Margulis, V A; Chuchaev, I I.  
On the structure of the spectrum of three-dimensional periodic Landau operators  
St. Petersburg Math. J. 8, 447 (1997)
81. Geiler, VA; Margulis, VA.  
Point perturbation-invariant solutions of the Schrodinger equation with a magnetic field  
MATHEMATICAL NOTES 60(5-6), 575-580 (1996)
82. Margulis, VA; Tomilin, OB.  
Electronic structure and third-order nonlinear optical response of conjugated polymer chains bearing periodically arranged side groups  
SYNTHETIC METALS 79(3), 207-214 (1996)
83. Geiler, VA; Margulis, VA; Tomilin, OB.  
Magnetic moment of a quasi-one-dimensional nanostructure in an inclined magnetic field  
JETP LETTERS 63(7), 578-582 (1996)
84. Geiler, VA; Margulis, VA; Chudaev, IV.  
Magnetic moment of parabolic quantum hole in the perpendicular magnetic fields  
ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI 109(3), 762-773 (1996)
85. Margulis, VA.  
Intervalley noise in a quantized inversion channel on a silicon surface  
PHYSICA B 217(3-4), 252-260 (1996)
86. GEILER, VA; MARGULIS, VA; CHUCHAEV, II.  
POTENTIALS OF ZERO RADIUS AND CARLEMAN OPERATORS  
SIBERIAN MATHEMATICAL JOURNAL 36(4), 714-726 (1995)
87. GEILER, VA; MARGULIS, VA; CHUCHAEV, II.  
SCATTERING OF CHARGE-CARRIERS ON POINT-DEFECTS IN SEMICONDUCTING STRUCTURES  
FIZIKA TVERDOGO TELA 37(3), 837-844 (1995)

88. MARGULIS, VA.  
MAGNETIC-SUSCEPTIBILITY OF A SEMICONDUCTOR SUPERLATTICE UNDER PARALLEL ELECTRIC AND MAGNETIC-FIELDS  
JOURNAL OF PHYSICS-CONDENSED MATTER 7(3), 645-656 (1995)
89. GEILER, VA; MARGULIS, VA; CHUCHAEV, II.  
ON LACUNAE IN THE SPECTRUM OF THE 3-DIMENSIONAL PERIODIC SCHRODINGER OPERATOR WITH A MAGNETIC-FIELD  
RUSSIAN MATHEMATICAL SURVEYS 50(1), 198-199 (1995)
90. GEILER, VA; MARGULIS, VA; CHUDAEV, IV; CHUCHAEV, II.  
ELECTRON-GAS CONDUCTIVITY IN QUANTING MAGNETIC-FIELD DURING SCATTERING ON POINT-DEFECTS  
ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI 107(1), 187-195 (1995)
91. Geyler, V. A.; Margulis, V. A.; Chudaev, I. V..  
Harmonic oscillator with a moving point perturbation  
Matem. Modelirovanie 7(5), 45 (1995)
92. Geiler, V.A.; Margulis, V.A.; Chuchaev, I.I..  
Carrier scattering by point defects in semiconductor structures  
Physics of the Solid State 37(3), 455 (1995)
93. MARGULIS, AD; MARGULIS, VA.  
THE QUANTUM ACOUSTOMAGNETOELECTRIC EFFECT DUE TO RAYLEIGH SOUND-WAVES (VOL 6, PG 6139, 1994)  
JOURNAL OF PHYSICS-CONDENSED MATTER 6(50), 11249-11249 (1994)
94. MARGULIS, AD; MARGULIS, VA.  
THE QUANTUM ACOUSTOMAGNETOELECTRIC EFFECT DUE TO RAYLEIGH SOUND-WAVES  
JOURNAL OF PHYSICS-CONDENSED MATTER 6(31), 6139-6150 (1994)
95. FILINA, LI; MARGULIS, VA.  
THERMALLY STIMULATED CONDUCTIVITY FOR 2 COUPLED TRAPPING LEVELS SEMICONDUCTORS 28(8), 820-823 (1994)
96. GEILER, VA; MARGULIS, VA; NESMELOV, AG; CHUCHAEV, II.  
MAGNETIC-SUSCEPTIBILITY OF QUASI-2-DIMENSIONAL SYSTEM IN AN INCLINED MAGNETIC-FIELD  
FIZIKA TVERDOGO TELA 36(7), 1994-2008 (1994)
97. MARGULIS, AD; MARGULIS, VA.  
EFFECT OF SPIN INJECTION ON THE CONDUCTION-ELECTRON SPIN-RESONANCE AT A FERROMAGNET SEMICONDUCTOR CONTACT  
PHYSICA B 193(2), 179-187 (1994)

98. GEILER, VA; MARGULIS, VA; CHUCHAEV, II.  
SCATTERING BY AN ISOLATED IMPURITY IN A QUANTUM CHANNEL IN A MAGNETIC-FIELD  
JETP LETTERS 58(8), 648-652 (1993)
99. MARGULIS, AD; MARGULIS, VA.  
MAGNETOELECTRIC EFFECT IN TYPE-I ZERO-GAP SEMICONDUCTORS  
SEMICONDUCTORS 27(2), 178-180 (1993)
100. MARGULIS, AD; MARGULIS, VA.  
CURRENT FLUCTUATIONS IN A SEMICONDUCTOR SUPERLATTICE IN STRONG ELECTRIC AND MAGNETIC-FIELDS  
FIZIKA TVERDOGO TELA 34(8), 2326-2336 (1992)
101. MARGULIS, AD; MARGULIS, VA.  
MAGNETOMAGNON RESONANCE IN SOUND-ABSORPTION IN FERRIMAGNETIC SEMICONDUCTORS  
FIZIKA TVERDOGO TELA 34(1), 3-10 (1992)
102. MARGULIS, AD; MARGULIS, VA.  
INDIRECT EXCHANGE INTERACTION OF LOCALIZED MAGNETIC-MOMENTS IN TYPE-I GAPLESS SEMICONDUCTORS  
FIZIKA TVERDOGO TELA 33(5), 1531-1540 (1991)
103. MARGULIS, AD; MARGULIS, VA.  
FREE CARRIER LIGHT-ABSORPTION IN TYPE-II GAPLESS SEMICONDUCTORS  
FIZIKA TVERDOGO TELA 32(2), 536-543 (1990)
104. MARGULIS, AD; MARGULIS, VA.  
PLASMA-OSCILLATIONS IN SEMICONDUCTORS WITH MASSLESS ELECTRONS  
FIZIKA TVERDOGO TELA 31(11), 14-20 (1989)
105. GAYLER, VA; MARGULIS, VA.  
DENSITY OF STATES OF 2D-ELECTRONS IN THE PRESENCE OF A MAGNETIC-FIELD AND RANDOM POTENTIAL IN EXACTLY SOLVABLE MODELS  
ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI 95(3), 1134-1145 (1989)
106. MARGULIS, AD; MARGULIS, VA.  
PLASMA-OSCILLATIONS IN TYPE-II GAPLESS SEMICONDUCTORS  
FIZIKA TVERDOGO TELA 30(7), 2097-2103 (1988)
107. MARGULIS, AD; MARGULIS, VA.  
PLASMA-OSCILLATIONS AND ZERO SOUND IN A DEGENERATE SPIN-POLARIZED ELECTRON-SYSTEM  
ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI 93(5), 1800-1811 (1987)

108. GEILER, VA; MARGULIS, VA.  
ANDERSON LOCALIZATION IN THE NONDISCRETE MARYLAND MODEL  
THEORETICAL AND MATHEMATICAL PHYSICS 70(2), 133-140 (1987)
109. Kogan, A.M.; Margulis, V.A.; Mirkin, L.I.; Filina, L.I..  
Growth of the film as a result of condensation of the gas flow in evaporation of  
materials by laser radiation  
Physics and Chemistry of Materials Treatment 21(5), 538 (1987)
110. MARGULIS, AD; MARGULIS, VA.  
SPIN RELAXATION IN A QUASI-2-DIMENSIONAL ELECTRON-SYSTEM  
FIZIKA TVERDOGO TELA 28(7), 2097-2103 (1986)
111. MARGULIS, AD; MARGULIS, VA.  
ELECTRON-SPIN RELAXATION IN ZINCBLLENDE-TYPE SEMICONDUCTORS IN A  
QUANTIZING MAGNETIC-FIELD  
FIZIKA TVERDOGO TELA 28(5), 1452-1459 (1986)
112. MARGULIS, AD; MARGULIS, VA.  
SPIN RELAXATION OF AN ELECTRON-SYSTEM IN WHICH THE SPECTRUM DEGENERACY  
IS LIFTED  
JETP LETTERS 41(5), 213-216 (1985)
113. MARGULIS, AD; MARGULIS, VA.  
SPIN RELAXATION OF FREE-CARRIERS IN SEMICONDUCTORS WITH THE WURTZITE  
STRUCTURE  
SOVIET PHYSICS SEMICONDUCTORS-USSR 18(3), 305-308 (1984)
114. GEILER, VA; MARGULIS, VA.  
STRUCTURE OF THE SPECTRUM OF A BLOCH ELECTRON IN A MAGNETIC-FIELD IN A  
TWO-DIMENSIONAL LATTICE  
THEORETICAL AND MATHEMATICAL PHYSICS 61(1), 1049-1056 (1984)
115. GEILER, VA; MARGULIS, VA.  
SPECTRUM OF THE BLOCH ELECTRON IN A MAGNETIC-FIELD IN A TWO-DIMENSIONAL  
LATTICE  
THEORETICAL AND MATHEMATICAL PHYSICS 58(3), 302-310 (1984)
116. MARGULIS, AD; MARGULIS, VA.  
EXCHANGE SPIN-WAVES IN A NONEQUILIBRIUM SYSTEM OF ORIENTED SPINS  
JETP LETTERS 40(3), 826-829 (1984)
117. MARGULIS, AD; MARGULIS, VA.  
PRECESSION MECHANISM OF CONDUCTIVE ELECTRON-SPIN RELAXATION IN  
SEMICONDUCTORS IN A STRONG MAGNETIC-FIELD  
FIZIKA TVERDOGO TELA 25(6), 1590-1596 (1983)

118. MARGULIS, VA.  
NON-LINEAR CYCLOTRON PHONON RESONANCE IN SEMICONDUCTORS  
SOVIET PHYSICS SEMICONDUCTORS-USSR 17(5), 571-574 (1983)
119. MARGULIS, AD; MARGULIS, VA.  
SPIN-CYCLOTRON-PHONON RESONANCE IN SEMICONDUCTORS WITH INVERSE  
SYMMETRY  
FIZIKA TVERDOGO TELA 24(10), 3026-3032 (1982)
120. MARGULIS, VA.  
SPIN-MAGNETO-PHONON RESONANCE IN SOUND-ABSORPTION IN SEMICONDUCTORS  
FIZIKA TVERDOGO TELA 23(3), 897-899 (1981)
121. MARGULIS, VA; KUDELKIN, NN.  
COMBINED PHONON RESONANCE IN SEMICONDUCTORS  
ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI 78(4), 1523-1529 (1980)
122. MARGULIS, VA.  
INTER-VALLEY ACOUSTOIMPURITY RESONANCE IN SEMICONDUCTORS  
SOVIET PHYSICS SEMICONDUCTORS-USSR 14(3), 355-356 (1980)
123. MARGULIS, VA; MARGULIS, VA; MARGULIS, AD.  
NEW TYPE OF RESONANCE SOUND-ABSORPTION BY ELECTRONS IN QUANTIZING  
MAGNETIC-FIELD  
FIZIKA TVERDOGO TELA 19(3), 787 (1977)
124. Margulis, V.A..  
Oscillations of the conductivity in films  
Fizika Tverdogo Tela 13(4), 1187 (1971)
125. MARGULIS, VA.  
ELECTRICAL CONDUCTIVITY OF THIN SEMICONDUCTING FILMS IN A STRONG ELECTRIC  
FIELD  
SOVIET PHYSICS SEMICONDUCTORS-USSR 3(12), 1585 (1970)