

	Abdrashitov S. V. , Bogdanov O. V. , Korotchenko K. B. , Pivoarov Y. L. , Rozhkova E. I. , Tukhfatullin T. A. , Eykhorn Y. L. BCM-2.0 – the New Version of Computer Code "Basic Channelling with Mathematica©" // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of the 7th International Conference , Sirmione, September 25-30, 2016. - Frascati: INFN, 2016 - p. 167 [936811-2016]
	Eykhorn Y. L. , Korotchenko K. B. , Dabagov S. B. PXR: estimations for the maxima intensity and temperature dependence // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of the 7th International Conference , Sirmione, September 25-30, 2016. - Frascati: INFN, 2016 - p. 64 [949011-2016]
	Eykhorn Y. L. , Korotchenko K. B. , Kunashenko Y. P. , Pivoarov Y. L. Electron radiation due to reflection by the crystallographic planes of crystal // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of the 7th International Conference , Sirmione, September 25-30, 2016. - Frascati: INFN, 2016 - p. 66 [935011-2016]
	Eykhorn Y. L. , Korotchenko K. B. , Pivoarov Y. L. Band Structure of Transverse Energy Levels of Relativistic Planar Channeled e? and e+ // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of 6th International Conference, Capri, October 5-10, 2014. - Frascati: INFN, 2014 - p. 221 [1356612-2014]
	Eykhorn Y. L. , Korotchenko K. B. , Pivoarov Y. L. Quantum Resonances in Reflection of Relativistic e? and e+ // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of 6th International Conference, Capri, October 5-10, 2014. - Frascati: INFN, 2014 - p. 151 [1356112-2014]
	Eykhorn Y. L. , Korotchenko K. B. , Pivoarov Y. L. , Takabayashi Y. . Quantum resonances in reflection of relativistic electrons and positrons Authors of Document // Nuclear Instruments and Methods in Physics Research B. - 2015 - Vol. 355. - p. 328-332 [909109-2015]
	Eykhorn Y. L. , Korotchenko K. B. , Pivoarov Y. L. , Takabayashi Y. .. Quantum resonances in reflection of relativistic electrons and positrons // Charged and Neutral Particles Channeling Phenomena: Proceedings of 6th International Conference, Capri, October 5-10, 2014. - Moscow: MEPhI, 2016 - p. 270-278 [1076712-2016]
	Eykhorn Y. L. , Korotchenko K. B. , Pivoarov Y. L. , Tukhfatullin T. A. Quantum and classical calculations of flux peaking of relativistic electrons in crystal and depth oscillations of electronuclear reaction yield // 27th International Conference on Atomic Collisions in Solids: Programme, Lanzhou, July 24-29, 2016. - [s.l.]: [s.n.], 2016 - p. 136 [905311-2016]
	Eykhorn Y. L. , Korotchenko K. B. , Tukhfatullin T. A. , Pivoarov Y. L. Depth oscillations of electronuclear reactions caused by relativistic planar channelled electrons: quantum versus classical calculations // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of the 7th International Conference , Sirmione, September 25-30, 2016. - Frascati: INFN, 2016 - p. 113 [934911-2016]
	Korotchenko K. B. , Dabagov S. B. Z-dependence of PXR for light and heavy ions // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of the 7th International Conference , Sirmione, September 25-30, 2016. - Frascati: INFN, 2016 - p. 65 [948111-2016]
	Korotchenko K. B. , Eykhorn Y. L. , Pivoarov Y. L. Quantum resonances in small-angular positrons and electrons reflection // Radiation from Relativistic Electrons in Periodic Structures (RREPS-15): Book of Abstracts of XI International Symposium, Saint Petersburg, September 6-11, 2015. - Tomsk: TPU Publishing House, 2015 - p. 53 [960010-2015]
	Korotchenko K. B. , Kunashenko Y. P. Channeling radiation from polarized electron // Charged and Neutral Particles Channeling Phenomena: Proceedings of 5th International Conference, Alghero, September 23-28, 2012. - Moscow: MEPhI, 2013 - p. 38-43 [23201-2014]
	Korotchenko K. B. , Kunashenko Y. P. Channeling radiation from polarized electron // Nuclear Instruments and Methods in Physics Research B. - 2013 - Vol. 309. - p. 76-78 [5878-2013]
	Korotchenko K. B. , Kunashenko Y. P. Exact solution of Dirac equation for axially channelled relativistic electron // Charged and Neutral Particles Channeling Phenomena: Proceedings of 4th International Conference, Ferrara, October 3-8, 2010. - Bologna: Italian Physical Society, 2011 - p. 111-118 [1512-2012]
	Korotchenko K. B. , Kunashenko Y. P. Exact solution of Dirac equation for axially channelled relativistic electrons // Nuovo Cimento C. - 2011 - Vol. 34 - Issue 4 - p. 111-118 [13874-2011]
	Korotchenko K. B. , Kunashenko Y. P. High-Order Diffraction Reflection and DCR // Charged and Neutral Particles Channeling Phenomena: Book of Absracts of 5th International Conference, Alghero, September 23-28, 2012. - Frascati: INFN, 2012 - p. 38 [8023-2012]
	Korotchenko K. B. , Kunashenko Y. P. Neutrons Axial Channeling in the Crystals // Radiation from Relativistic Electrons in Periodic Structures (RREPS-11): Book of Abstracts of IX International Symposium, Egham, September 12-16, 2011. - [Tomsk]: [TPU Press], 2011 - p. 107 [13680-2011]
	Korotchenko K. B. , Kunashenko Y. P. Neutrons planar channeling in crystals // Charged and Neutral Particles Channeling Phenomena: Proceedings of 4th International Conference, Ferrara, October 3-8, 2010. - Bologna: Italian Physical Society, 2011 - p. 537-542 [1517-2012]
	Korotchenko K. B. , Kunashenko Y. P. Neutrons planar channeling in crystals // Nuovo Cimento C. - 2011 - Vol. 34 - Issue 4 - p. 537-542 [13875-2011]
	Korotchenko K. B. , Kunashenko Y. P. Photons Scattering on Planar Channeled Positron and Electron // Radiation from Relativistic Electrons in Periodic Structures (RREPS-13): Book of Abstracts of X International Symposium, Erevan, September 23-27, 2013. - Tomsk: TPU Publishing House, 2013 - p. 30 [9230-2013]

	Korotchenko K. B. , Kunashenko Y. P. Quantum theory of X-ray radiation at Bragg angles at channeling // Radiation Physics and Chemistry. - 2015 - Vol. 109. - p. 83-88 [89802-2015]
	Korotchenko K. B. , Kunashenko Y. P. The Theory of Diffracted Channeling Radiation: beyond Dipole Approximation // Radiation from Relativistic Electrons in Periodic Structures (RREPS-11): Book of Abstracts of IX International Symposium, Egham, September 12-16, 2011. - [Tomsk]: [TPU Press], 2011 - p. 94 [13681-2011]
	Korotchenko K. B. , Kunashenko Y. P. Theory of Diffracted Channeling Radiation beyond the Dipole Approximation // Charged and Neutral Particles Channeling Phenomena: Proceedings of 5th International Conference, Alghero, September 23-28, 2012. - Moscow: MEPhI, 2013 - p. 172-181 [23401-2014]
	Korotchenko K. B. , Kunashenko Y. P. , Tukhfatullin T. A. Secondary electron emission induced by channeled relativistic electrons in a (110) Si crystal // Nuclear Instruments and Methods in Physics Research B. - 2012 - Vol. 276. - p. 14-18 [1400-2012]
	Korotchenko K. B. , Pivovarov Y. L. Angular Distribution Features of the Cherenkov Radiation at the Channeling in the Optical Range // Radiation from Relativistic Electrons in Periodic Structures (RREPS-15): Book of Abstracts of XI International Symposium, Saint Petersburg, September 6-11, 2015. - Tomsk: TPU Publishing House, 2015 - p. 35 [960710-2015]
	Korotchenko K. B. , Pivovarov Y. L. Asymmetry of the Angular Distribution of Radiation of Channeled Relativistic Electrons in Optically Transparent Crystals // JETP Letters. - 2016 - Vol. 103 - №. 2. - p. 87-93 [450505-2016]
	Korotchenko K. B. , Pivovarov Y. L. Features of spectral and angular distributions of radiation at planar channeling of electrons in crystal Si with the dispersion // Radiation from Relativistic Electrons in Periodic Structures (RREPS-11): Book of Abstracts of IX International Symposium, Egham, September 12-16, 2011. - [Tomsk]: [TPU Press], 2011 - p. 96 [13682-2011]
	Korotchenko K. B. , Pivovarov Y. L. Polarization properties of DCR from relativistic channeled electrons // Charged and Neutral Particles Channeling Phenomena: Proceedings of 4th International Conference, Ferrara, October 3-8, 2010. - Bologna: Italian Physical Society, 2011 - p. 191-198 [1513-2012]
	Korotchenko K. B. , Pivovarov Y. L. Polarization properties of DCR from relativistic channeled electrons // Nuovo Cimento C. - 2011 - Vol. 34 - Issue 4 - p. 191-198 [13889-2011]
	Korotchenko K. B. , Pivovarov Y. L. Quantum Features of PXRC Angular Distributions From Relativistic Channeled Electrons in a Crystal // Journal of Physics: Conference Series. - 2014 - Vol. 517 - №. 1, Article number 012019. - p. 1-7 [549106-2014]
	Korotchenko K. B. , Pivovarov Y. L. Quantum features of the angular distributions of parametric X-ray radiation of channeled relativistic electrons in a crystal // JETP Letters. - 2015 - Vol. 101 - №. 10. - p. 719-723 [909509-2015]
	Korotchenko K. B. , Pivovarov Y. L. Quantum Jumps in PXRC Angular Distributions from Relativistic Channeled Electrons and Positrons in a Crystal // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of 6th International Conference, Capri, October 5-10, 2014. - Frascati: INFN, 2014 - p. 30 [1361012-2014]
	Korotchenko K. B. , Pivovarov Y. L. Quantum Jumps in PXRC Angular Distributions from Relativistic Channeled electrons in a Crystal // Radiation from Relativistic Electrons in Periodic Structures (RREPS-13): Book of Abstracts of X International Symposium, Erevan, September 23-27, 2013. - Tomsk: TPU Publishing House, 2013 - p. 46 [9232-2013]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. . Experimental and Theoretical Study of PXRC (Parametric X-Radiation at Channeling) from 255 MeV Electrons in Si // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of 5th International Conference, Alghero, September 23-28, 2012. - Frascati: INFN, 2012 - p. 163 [8024-2012]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. . Experimental and theoretical study of PXRC (Parametric X-Radiation at Channeling) from 255 MeV electrons in Si // Charged and Neutral Particles Channeling Phenomena: Proceedings of 5th International Conference, Alghero, September 23-28, 2012. - Moscow: MEPhI, 2013 - p. 150-158 [23601-2014]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. . Experimental and theoretical study of PXRC (Parametric X-Radiation at Channeling) from 255 MeV electrons in Si // Nuclear Instruments and Methods in Physics Research B. - 2013 - Vol. 309. - p. 25-29 [5871-2013]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. . Quantum Effects for Parametric X-ray Radiation during Channeling: Theory and First Experimental Observation // Письма в ЖЭТФ. - 2012 - Т. 95. - Issue 7-8. - С. 481-485 [2462-2012]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. . Quantum Effects for Parametric X-ray Radiation during Channeling: Theory and First Experimental Observation // JETP Letters. - 2012 - Vol. 95 - №. 8. - p. 433-437 [3312-2012]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. . The Combine Effects for PXR at Channeling // Radiation from Relativistic Electrons in Periodic Structures (RREPS-11): Book of Abstracts of IX International Symposium, Egham, September 12-16, 2011. - [Tomsk]: [TPU Press], 2011 - p. 52 [13526-2011]
	Korotchenko K. B. , Pivovarov Y. L. , Takabayashi Y. , Tukhfatullin T. A. Quantum effect for PXR at channeling // XLII Международная Тулиновская конференция по физике взаимодействия заряженных частиц с кристаллами: Тезисы докладов, Moscow, Russia, May 29-31, 2012. - Москва: Университетская книга, 2012 - p. 47 [4539-2012]

	Korotchenko K. B. , Pivovarov Y. L. , Tukhfatullin T. A. Angular distributions of diffracted channeling radiation from moderate energy axially channeled electrons in Si and LiF crystals // Nuclear Instruments and Methods in Physics Research B. - 2011 - Vol. 269 - №. 23. - p. 2840-2844 [13480-2011]
	Korotchenko K. B. , Sinitsyn E. A. Physics. Brief course. Mechanics: Textbook. - Tomsk : TPU Publishing House, 2014 - 92 p. [21401-2015]
	Korotchenko K. B. , Tukhfatullin T. A. , Pivovarov Y. L. , Eykhorn Y. L. Comparison of the quantum and classical calculations of flux density of (220) channeled positrons in Si crystal // Journal of Physics: Conference Series. - 2016 - Vol. 732, Article number 012031. - p. 1-6 [810110-2016]
	Kunashenko Y. P. , Korotchenko K. B. Coherent Bremsstrahlung from Channeled Positron // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of 5th International Conference, Alghero, September 23-28, 2012. - Frascati: INFN, 2012 - p. 60 [8021-2012]
	Takabayashi Y. . , Bogdanov O. V. , Korotchenko K. B. , Pivovarov Y. L. , Tukhfatullin T. A. , et all . . Channeling and PXR Experiments at the SAGA Light Source // Radiation from Relativistic Electrons in Periodic Structures (RREPS-11): Book of Abstracts of IX International Symposium, Egham, September 12-16, 2011. - [Tomsk]: [TPU Press], 2011 - p. 54 [13683-2011]
	Takabayashi Y. . , Korotchenko K. B. , Pivovarov Y. L. , Tukhfatullin T. A. Channeling and parametric X-ray studies at the SAGA Light Source // Atomic Collision in Solids : Book of Abstracts of 25th International Conference, Kyoto, October 21-25, 2012. - Tokyo: Japan Society of Applied Physics, 2012 - p. 100 [8548-2012]
	Takabayashi Y. . , Korotchenko K. B. , Pivovarov Y. L. , Tukhfatullin T. A. Channeling and parametric X-ray studies at the SAGA Light Source // Nuclear Instruments and Methods in Physics Research B. - 2013 - Vol. 315. - p. 105-109 [10081-2013]
	Takabayashi Y. . , Korotchenko K. B. , Pivovarov Y. L. , Tukhfatullin T. A. Angular distributions of parametric X-ray radiation from a diamond crystal // Charged and Neutral Particles Channeling Phenomena: Book of Abstracts of the 7th International Conference , Sirmione, September 25-30, 2016. - Frascati: INFN, 2016 - p. 57 [935311-2016]