

Leonid Andreevich KURDACHENKO

- Place of birth: Dnipro (former Dnepropetrovsk), Ukraine (former USSR)
 - Date of birth: October 22, 1949
 - Citizenship: Ukrainian
 - Affiliation: Department of algebra, Facultet of mathematic and mechanic, National University of Dnipro, Gagarin prospect 72, Dnipro 10, 49010, Ukraine
- e-mail:
lkurdachenko@gmail.com

1. EDUCATION

- M. Sc., Mathematics, Dnepropetrovsk University, USSR, 1971.
Graduated with high honors.
- Ph.D., Group Theory, Kiev Pedagogic University, Ukraine, 1974
(under S.N.Chernikov)
- D.Sc., Algebra, St.Peterburg University, Russia, 1992
- D.Sc., Algebra, Kiev University, Ukraine, 1993

2. RESEARCH FIELDS

- Algebra, Group Theory, Module Theory, Non – associative algebras

3. PROFESSIONAL CAREER

- 2020 – now Full Professor, Department of Algebra, National Dnipro University, Ukraine.
- 1992 – 2020 Distinguished Professor and Chair, Department of Algebra, National Dnipro University, Ukraine.
- 1986 – 1992 Associate Professor and Chair, Department of Algebra, Dnepropetrovsk University, Ukraine.
- 1982 – 1986 Associate Professor, Department of Algebra, Dnepropetrovsk University, Ukraine.
- 1977 – 1982 Associate Professor and Chair, Department of Algebra, Dnepropetrovsk University, Ukraine.
- 1976 – 1977 Associate Professor, Department of Algebra, Dnepropetrovsk University, Ukraine.
- 1974 – 1976 Assistant Professor, Department of Algebra, Dnepropetrovsk University, Ukraine.

4. VISITING POSITIONS

- 1979 Moskow university (MGU), Moskow, USSR
- 1985 Mathematical institut of Academy of Sciences of UkrSSR, Kyiv, USSR
- 1990 Leningrad University (now St.Peterburg University), Leningrad, USSR
- 1992 Würzburg University, Germany
- 1993 Naples University, Italy
- 1995 Naples University, Italy
- 1996 Mathematical institut Oberwolfach, Germany
- 1997 University of Zaragoza, Zaragoza, Spain
- 1998 University of Zaragoza, Zaragoza, Spain
- 1998 University of Athens, Athens, Greece
- 1999 University of Zaragoza, Zaragoza, Spain
- 2000 University of Athens, Athens, Greece
- 2001 University of Zaragoza, Zaragoza, Spain
- 2002 University of Alabama, Tuscaloosa, USA
- 2002 National University, San Diego, Los Angeles, USA
- 2002 University of Zaragoza, Zaragoza, Spain
- 2002 University of Salerno, Salerno, Italy
- 2003 University of Zaragoza, Zaragoza Spain
- 2004 University of Zaragoza, Zaragoza, Spain
- 2004 University of Lecce, Lecce, Italy
- 2004 University of Zaragoza, Zaragoza, Spain
- 2005 University of Zaragoza, Zaragoza, Spain
- 2005 Polythechnical University of Valencia, Valencia, Spain
- 2006 University of Zaragoza, Zaragoza, Spain
- 2006 University of Salerno, Salerno, Italy

- 2007 University of Zaragoza, Zaragoza, Spain
- 2008 University of Zaragoza, Zaragoza, Spain
- 2009 University of Zaragoza, Zaragoza, Spain
2009 University of Salerno, Salerno, Italy
- 2010 University of Zaragoza, Zaragoza, Spain
- 2011 University of Zaragoza, Zaragoza, Spain
- 2012 University of Zaragoza, Zaragoza, Spain
- 2013 University of Zaragoza, Zaragoza, Spain
- 2014 University of Zaragoza, Zaragoza, Spain
2014 University of Napoli, Italy
- 2015 University of Zaragoza, Zaragoza, Spain
2015 University of Napoli, Italy
- 2016 University of Salerno, Salerno, Italy
2016 University of Napoli, Italy
- 2017 University of Salerno, Salerno, Italy
- 2018 University of Salerno, Salerno, Italy
- 2016 University of Salerno, Salerno, Italy
- 2020 University of Campania (Caserta), Italy

5. INVITED LECTURES

1979 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR

1981 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR

1981 Kiev University, Kiev, USSR

1982 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR

1982 Kiev University, Kiev, USSR

1983 Moskow University (MGU), Moskow, USSR

1983 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR

1983 Yaroslavl' University, Yaroslavl', USSR

1983 Kiev University, Kiev, USSR

1984 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR

1984 Moskow University (MGU), Moskow, USSR

1985 Moskow University (MGU), Moskow, USSR

1985 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR

1985 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR

1986 Moskow University (MGU), Moskow, USSR

1986 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR

1986 Kalinin University , Kalinin (now Tver'), USSR

1986 Kiev University, Kiev, USSR

1987 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR

1987 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR

1987 Moskow University (MGU), Moskow, USSR

1988 Kiev University, Kiev, USSR

- 1988 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR
- 1988 Moskow University (MGU), Moskow, USSR
- 1988 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR
- 1989 Moskow University (MGU), Moskow, USSR
- 1989 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR
- 1990 Moskow University, Moskow, USSR
- 1990 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR
- 1990 Kiev University, Kiev, USSR
- 1990 Mathematical institut of Academy of Sciences of UkrSSR, Kiev, USSR
- 1991 Joint algebraic seminar of LOMI and Leningrad University, Leningrad, USSR
- 1991 Moskow University (MGU), Moskow, USSR
- 1992 University of Napoli, Italy
- 1992 University of Napoli, Italy
- 1992 University of Würzburg, Germany
- 1992 University of Erlangen, Germany
- 1992 University of Mainz , Germany
- 1992 University of Freiburg, Germany
- 1993 University of Napoli, Italy
- 1993 University of Potenza, Italy
- 1995 University of Trento, Italy
- 1995 University of Padova, Italy
1995. University of Firenze, Italy
- 1995 University of Napoli, Italy
- 1996 University of Mainz , Germany

1996 University of Freiburg, Germany

1997 University of Zaragoza, Spain

1997 University of Zaragoza, Spain

1998 University of Zaragoza, Spain

1998 University of Zaragoza, Spain

1999 University of Athens, Greece

1999 University of Zaragoza, Spain

2000 University of Athens, Greece

2001 University of Zaragoza, Spain

2001 University of Pamplona, Spain

2002 University of Alabama, Tuscaloosa, USA

2002 University of Zaragoza, Spain

2002 University of Salerno, Italy

2003 University of Zaragoza, Spain

2003 University of Valencia, Spain

2004 University of Zaragoza, Spain

2004 University of Lecce, Italy

2004 University of Valencia, Spain

2005 University of Pamplona, Spain

2005 University of Zaragoza, Spain

2005 University of Valencia, Spain

2005 Polytechnical University of Valencia, Spain

2006 University of Zaragoza, Spain

2006 University of Salerno, Italy

2007 University of Zaragoza, Spain

2007 University of Valencia, Spain

2007 Polytechnical University of Valencia, Spain

2008 University of Valencia, Spain
2008 Polytechnical University of Valencia, Spain
2008 University of Zaragoza, Spain
2009 University of Valencia, Spain
2009 University of Zaragoza, Spain
2009 University of Salerno, Italy
2010 University of Pamplona, Spain
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2013 University of Zaragoza, Spain
2014 University of Valencia, Spain
2014 University of Zaragoza, Spain
2014 University of Napoli, Italy
2015 University of Valencia, Spain
2015 University of Zaragoza, Spain
2015 University of Napoli, Italy
2016 University of Salerno, Italy
2016 University of Napoli, Italy
2017 University of Salerno, Italy
2018 University of Salerno, Italy
2019 University of Salerno, Italy
2020 University of Campania (Caserta), Italy

6. SELECTED CONFERENCE TALKS

1. *FC – groups with layer – finite periodic part.*
4 Symposium on group theory of USSR, Novosibirsk, USSR, 1973
2. *On groups with prescribed system of finite factor – groups.*
12 Algebraic colloquium of USSR, Sverdlovsk, USSR, 1973
3. *FC – groups, the periodic part of which is imbedded in a direct product of finite groups.*
Algebraic simposium of USSR, Gomel, USSR, 1975
4. *FC – groups, the periodic part of which are imbedded in a direct product of finite groups.*
5 Symposium on group theory of USSR, Krasnodar, USSR, 1976
5. *Formations in topological groups.*
5 Symposium on group theory of USSR, Krasnodar, USSR, 1976 (coauthor V.A.Rudenko).
6. *The groups with weak minimal condition for normal subgroups.*
14 Algebraic conference of USSR, Novosibirsk, USSR, 1977
7. *FC – groups, the periodic part of which are imbedded in a direct product of finite groups.*
6 Symposium. on group theory of USSR, Cherkasy, USSR, 1978
8. *Locally nilpotent groups with weak minimal condition for normal subgroups.*
15 Algebraic conference of USSR, Krasnojarsk, USSR, 1979
9. *Locally nilpotent groups with weak maximal condition for normal subgroups.*
7 Symposium on group theory of USSR, Krasnojarsk, USSR, 1980
10. *Infinite groups with dense system of subnormal subgroups.*
7 Symposium on group theory of USSR, Krasnojarsk, USSR, 1980 (coauthors V.V.Pylaev and N.F.Kuzenny)
11. *On some conditions for imbeddability of locally normal groups in a direct product of finite groups.*
16 Algebraic conference of USSR, Leningrad, USSR, 1981
12. *On the groups with infinite almost normal subgroups.*
16 Algebraic conference of USSR, Leningrad, USSR, 1981 (coauthors N.N. Semko and S.S. Levischenko)
13. *On some questions of theory of non – periodic FC – groups.*
8 Symposium on group theory of USSR, Sumy, USSR, 1982

14. *On soluble groups satisfying weak minimal condition for normal subgroups.*
8 Symposium on group theory of USSR, Sumy, USSR, 1982

- (coauthor D.I. Zaitsev).
- 15.** *The groups with dense systems of almost normal subgroups.*
8 Symposium on group theory of USSR, Sumy, USSR, 1982
(coauthor V.E. Gorezky).
- 16.** *The groups with non – cyclic subgroups of finite index.*
8 Symposium on group theory of USSR, Sumy, USSR, 1982
(coauthor V.V. Pylaev)
- 17.** *Soluble groups with weak minimal condition for normal subgroups.*
17 Algebraic conference of USSR, Minsk, USSR, 1983
(coauthor A.V. Tushev)
- 18.** *Weak minimal condition for normal subgroups in soluble groups.*
9 Symposium on group theory of USSR, Moskow, USSR, 1984
(coauthor D.I. Zaitsev, A.V. Tushev).
- 19.** *Residually finite FC – groups.*
9 Symposium on group theory of USSR, Moskow, USSR, 1984
- 20.** *The groups, in which every non – cyclic subgroup is almost normal.*
9 symposium on group theory of USSR, Moskow, USSR, 1984
(coauthor V.V. Pylaev).
- 21.** *The groups, which are rich on almost normal subgroups.*
9 Symposium on group theory of USSR, Moskow, USSR, 1984
(coauthor V.V. Pylaev)
- 22.** *The groups with weak dense system of almost normal subgroups.*
18 Algebraic conference of USSR, Kishinev, USSR, 1985
(coauthors V.E. Gorezky, N.F. Kuzenny).
- 23.** *The groups saturated by almost normal subgroups.*
18 Algebraic conference of USSR, Kishinev, USSR, 1985
(coauthors N.F. Kuzenny, N.N. Semko).
- 24.** *Nilpotent of class two FC – groups.*
18 Algebraic conference of USSR, Kishinev, USSR, 1985
- 25.** *The groups with non – abelian subgroups of finite index.*
18 Algebraic conference of USSR, Kishinev, USSR, 1985
(coauthor V.V.Pylaev)
- 26.** *Locally (soluble – by – finite) groups with weak minimal condition for non – normal subgroups.*
10 Symposium on group theory of USSR, Gomel', USSR, 1986
(coauthor V.E. Gorezky).
- 27.** *Residually finite FC – groups.*
10 Symposium on group theory of USSR, Gomel', USSR, 1986
- 28.** *On groups, the all proper factor – groups of which are Chernikov.*
10 Symposium on group theory of USSR, Gomel', USSR, 1986
(coauthor V.E. Gorezky).
- 29.** *On groups with polycyclic factor – groups.*
10 Symposium on group theory of USSR, Gomel', USSR, 1986

(coauthor V.V. Pylaev)

30. *The groups with weak maximal condition for non – normal subgroups.*

19 Algebraic conference of USSR, Lviv, USSR, 1987

(coauthor V.E. Gorezky).

31. *FC – groups, factor – groups of which by center is imbedded in a direct product of finite groups.*

19 Algebraic conference of USSR, Lviv, USSR, 1987

32. *On groups with minimax factor – groups.*

19 Algebraic conference of USSR, Lviv, USSR, 1987

(coauthor V.V. Pylaev)

33. *The groups with maximal condition for non – abelian subgroups.*

11 Symposium on group theory of USSR, Sverdlovsk, USSR, 1989

(coauthor D.I. Zaitsev).

34. *Weak minimal condition for normal subgroups and artinian modules over minimax groups.*

11 Symposium on group theory of USSR, Sverdlovsk, USSR, 1989

35. *The groups, in which all infinitely generated subgroups are normal.*

11 Symposium on group theory of USSR, Sverdlovsk, USSR, 1989

(coauthor V.V. Pylaev)

36. *Artinian modules over minimax groups of rank 1.*

International conference on algebra, Novosibirsk, USSR, 1989

37. *On some subgroups of direct products of finite groups.*

International conference on algebra, Novosibirsk, USSR, 1989

38. *Artinian modules over minimax groups of rank 1.*

6 Symposium on ring, modules and algebras theory of USSR, Lviv, USSR, 1990

39. *Artinian modules over minimax groups.*

International conference on algebra, Barnaul, USSR, 1991

40. *The groups with minimax conjugacy classes.*

International conference on algebra, Barnaul, USSR, 1991

41. *Artinian modules over groups of finite rank.*

Algebraic conference dedicated to memory of O.Yu. Schmidt, Kiev, Ukraine, 1991

42. *Artinian modules over groups of finite rank and groups with some finiteness conditions.*

Conference on group theory, Neuhaus, Germany, 1992

43. *Metabelian groups with weak minimal condition for normal subgroups.*

3 International conference on algebra, Krasnoyarsk, Russia, 1993

44. *The groups, in which all infinitely generated subgroups are subnormal.*

3 International conference on algebra, Krasnoyarsk, Russia, 1993

(coauthor H. Heineken).

45. *Weak chain conditions for non – almost normal subgroups.*

- Groups 93 Galway/St.Andrews, Galway 1993
(coauthor G. Cutolo).
- 46.** *On normal closures of elements in generalized FC – groups.*
Conference "Infinite groups 94(Ravello 1994)"
- 47.** *Groups with restrictions on cocentralizers of elements.*
Sciences conference of Ukraine, Lviv, Ukraine, 1995
(coauthor I.Ya.Subbotin).
- 48.** *Groups with a maximal condition for non – subnormal subgroups.*
Sciences conference of Ukraine, Lviv, Ukraine, 1995
(coauthor H. Smith).
- 49.** *On generalized hypercenters in artinian modules.*
Conference on infinite and topological groups, Würzburg , Germany, 1996
- 50.** *Direct decompositions in artinian modules over FC – hypercentral groups.*
Algebra Meeting, July 28 - August 3, 1996, Rio de Janeiro, Brazilia, 1996
(coauthors B.V. Petrenko, I.Ya. Subbotin)
- 51.** *On groups with hypercentral factor – groups.*
International Algebraic conference dedicated to the memory of
D.K.FADDEEV, St.Petersburg, Russia, 1997
(coauthor I.Ya. Subbotin)
- 52.** *Just – non – SRI* – groups.*
Second Panhellenic conference in Algebra and Number Theory – 1998
(coauthor P. Soules).
- 53.** *On some infinite dimensional linear groups.*
ICM 1998, International Congress of Mathematicians, Berlin, August
18 – 27, 1998
(coauthor I.Ya. Subbotin).
- 54.** *On groups with many periodic factor – groups.*
ICM 1998, International Congress of Mathematicians, Berlin, August
18 – 27, 1998
(coauthor I.Ya. Subbotin).
- 55.** *Hyperfinites subgroups of infinite – dimensional linear groups.*
Kurosh Algebraic Conference 98. Moskow University, Moskow,
Russia, 1998
(coauthor I.Ya. Subbotin)
- 56.** *On artinian modules over hyperfinite groups.*
International conference Algebra and its applications, March 25 – 28,
1999. Ohio University, USA
(coauthor I.Ya.Subbotin).
- 57.** *On some infinite dimensional linear groups.*
International conference on group and group rings, Wisla, Poland, 2000.
- 58.** *On some generalization of a theorem of B.H. Neumann.*
XVI Escola de Algebra, July 23 – 29, 2000, Universadade de Brazilia,
Brazilia

(coauthors N.V. Polyakov, I.Ya. Subbotin)

59. *On some types of modules with finiteness conditions.*

Third International algebraic conference in Ukraine, Sumy, 2001, 50 – 51

(coauthor V.V. Kirichenko).

60. *On some criterion of nilpotency.*

Third International algebraic conference in Ukraine, Sumy, 2001, 54 – 56

(coauthor J. Otal, I.Ya. Subbotin).

61. *On minimal artinian modules and minimal artinian linear groups.*

Third International algebraic conference in Ukraine, Sumy, 2001, 56 – 57

(coauthor I.Ya. Subbotin).

62. *Groups with all non – subnormal subgroups of finite rank,*

Groups St Andrews 2001 in Oxford. Volume 2. London Mathematical Society.

Lecture Note Series 305. Cambridge Univ. Press. 2003, 366 – 376.

(coauthors P. Soules).

63. *On some infinite dimensional linear group,*

Groups St Andrews 2001 in Oxford. Volume 2. London Mathematical Society.

Lecture Note Series 305. Cambridge Univ. Press. 2003, 377 – 384.

(coauthors I. Ya. Subbotin).

64. *On the groups with small set of non – FC – subgroups,*

International conference on Group Theory dedicated to the memory of R. Baer, Napoly, May 2002.

65. *On certain finitary modules,*

Ukrainian Mathematical Congress – 2001, Third International Algebraic Conference in Ukraine. Algebraic structures and their applications. Proceedings, 2002, 283 – 296

(coauthors V.V. Kirichenko, N.V. Polyakov)

66. *Pronormality, contranormality and generalized nilpotency in infinite groups,* 4th International Algebraic conference in Ukraine, August 4 – 9, 2003, Lviv, Abstracts, 2003, 127 - 129.

(coauthor I.Ya. Subbotin).

67. *The local structure of groups whose non – normal subgroups have finite conjugacy classes,*

Advanced in Group Theory 2002, Proceedings of the Intensive Bimester Dedicated to the Memory of Reinhold Baer, Napoly, May – June 2002, ARACNE: Roma, 2003, 93 – 110.

(coauthors J. Otal, A. Russo, C. Vincenzi).

68. *Linear groups with a small family of infinite dimensional subgroups,*

International Algebraic Conference on the occasion of the 250th anniversary of Moskow State University and the 75th anniversary of the Department of Algebra. Moskow State University: Moskow, 2004, 201 – 203.

(coauthors R. Guralnik, I. Subbotin).

(coauthors J. Otal, I. Ya. Subbotin).

94. *Groups whose finitely generated subgroups are either permutable or pronormal.* 8th International Algebraic conference in Ukraine, Book of abstracts, Lugansk National University, July 5 – 12, Lugansk, 2011, 107 – 108

(coauthors T.V. Ermolkewich, I. Ya. Subbotin).

95. *On some generalization of permutable and pronormal subgroups.* 8th International Algebraic conference in Ukraine, Book of abstracts, Lugansk National University, July 5 – 12, Lugansk, 2011, 109

(coauthors A.A. Pypka, I. Ya. Subbotin).

96. *Some properties of conjugate – permutable subgroups.* 8th International Algebraic conference in Ukraine, Book of abstracts, Lugansk National University, July 5 – 12, Lugansk, 2011, 110

(coauthor N.A. Turbay).

97. *Infinite conjugate – permutable subgroups.* EMS Weekend, Bilbao, October 2011

(coauthors J.M. Munos – Escolano, N.A. Turbay).

98. *Linear groups with finite dimensional orbits.*

Ischia Group Theory 2010, Proceedings of the conference in Group Theory, World Scientific . 2012, 131 – 145

(coauthors M. R. Dyxon, J.Otal)

99. *Non – periodic groups whose finitely generated subgroups are either permutable or pronormal.* International Mathematical conference on occasion to the 70th year anniversary of professor Vladimir Kirichenko, June 13 – 19, Mykolayiv, 2012, 61

(coauthors I. Ya. Subbotin, T.V. Velichko).

100. *On some generalization of abnormal and pronormal subgroups.* International Mathematical conference on occasion to the 70th year anniversary of professor Vladimir Kirichenko, June 13 – 19, Mykolayiv, 2012, 62

(coauthors A.A. Pypka, I. Ya. Subbotin).

101. *Criteria of hypercentrality for fuzzy groups.*

International Mathematical conference on occasion to the 70th year anniversary of professor Vladimir Kirichenko, June 13 – 19, Mykolayiv, 2012, 63

(coauthors K.O. Grin, N.A. Turbay).

102. *Groups in which the normal closures of cyclic subgroups have finite bounded Hirsch – Zaitsev rank.*

International Mathematical conference on occasion to the 70th year anniversary of professor Vladimir Kirichenko, June 13 – 19, Mykolayiv, 2012, 64

(coauthor N.N. Semko).

103. *On some generalization of Baer theorem.*

International Mathematical conference on occasion to the 70th year anniversary of professor Vladimir Kirichenko, June 13 – 19, Mykolayiv, 2012, 65

(coauthors J. Otal, I. Ya. Subbotin).

104. *On some generalized nilpotent fuzzy groups.*

International conference on algebra dedicated to 100th anniversary of S.N. Chernikov, August 20 – 26, Kyiv, 2012, 74

(coauthors K.O. Grin, N.A. Turbay).

105. *On permutable fuzzy subgroups.*

International conference on algebra dedicated to 100th anniversary of S.N. Chernikov, August 20 – 26, Kyiv, 2012, 75

(coauthors J. Otal, I. Ya. Subbotin).

106. *Some non – periodic groups whose cyclic subgroups are self conjugate permutable.* International conference on algebra dedicated to 100th anniversary of S.N. Chernikov, August 20 – 26, Kyiv, 2012, 76

(coauthors A.A. Pypka, I. Ya. Subbotin).

107. *The non – periodic groups whose finitely generated subgroups are either permutable or pronormal.* International conference on algebra dedicated to 100th anniversary of S.N. Chernikov, August 20 – 26, Kyiv, 2012, 77

108. *On the relationships between the factors of upper and lower central series in groups and another algebraic structures.* Advances in Group Theory and Applications 2015 Porto Cesareo (Le), June 16-19, 2015

109. *On the influence of some subgroups, having finite ranks, on the structure of Groups.* Ischia Group Theory 2016

110. *On the analog of some group theoretical results in Leibniz algebras.* Ischia Group Theory 2018

111. *From groups to Leibniz algebras: Common approaches, parallel results.* 12th International Algebraic conference in Ukraine, Abstracts, Vinnitsia, July 02 – 06, Vinnitsia 2019

112. *Normal core and normal closure of subgroups and some related types of groups.* Group theory in Naples 2019.

113. *Contranormal subgroups and their influence on the structure of groups.* International mathematical conference dedicated to the 60th anniversary of the department of algebra and mathematical logic of Taras Shevchenko National University of Kyiv, July 14 – 17, Kyiv, 2020

114. *Around contranormality.* Ischia Group Theory 2021

115. *On Leibniz algebras, modules and groups.* 13th International Algebraic Conference in Ukraine, Book of Abstracts, July 6 – 9, Taras Shevchenko National University of Kyiv, 2021

7. SELECTED PUBLICATIONS

Books

M.R. Dixon, L.A. Kurdachenko, I.Ya. Subbotin

Linear groups. The accent on infinite dimensionality.

CRC Press, Taylor and Francis Group – London, New York – 2020, 328 p.
(coauthors M. Dixon, I. Ya. Subbotin).

M.R. Dixon, L.A. Kurdachenko, I.Ya. Subbotin

Rank of groups: the tools, characteristic and restrictions.

John Wiley & Sons – New Jersey – 2017

L.A. Kurdachenko, A.A. Pypka, N.N. Semko, I.Ya. Subbotin

The survey on infinite groups: a guide to some classical areas.

National Academy of Sciences of Ukraine, Institute of Mathematics,
Kiev, 2016, 176 p.

M.R. Dixon, L.A. Kurdachenko, I.Ya. Subbotin

An introduction to essential algebraic structures.

John Wiley & Sons – New Jersey – 2014
(coauthors M. Dixon, I. Ya. Subbotin).

M.R. Dixon, L.A. Kurdachenko, I.Ya. Subbotin

Algebra and number theory. An integrated approach.

John Wiley & Sons – New Jersey – 2010, 524 p

V.V. Kirichenko, L.A.Kurdachenko, N.N. Semko, I.Ya. Subbotin (editors)

On influence of some important types of subgroups on the structure of a group. A collection of survey articles.

National Academy of Sciences of Ukraine, Institute of Mathematics,
Kiev, 2010, 267 p.

L.A.Kurdachenko, N.N. Semko, I.Ya. Subbotin

Insight into Modules over Dedekind Domains, Institute of Mathematics of
National Academy of Sciences, Series: Proceedings of Institute of
Mathematics of NAS, v. 75, Kiev, 2008, 119 p.

L. A. Kurdachenko, J. Otal, I. Ya. Subbotin

Artinian Modules over Group Rings, Series: Frontiers in Mathematics ,
Birkhauser: Basel, 2007, XII, 247 p.

L.A.Kurdachenko, V.V. Kirichenko, N.N. Semko

Chosen section of algebra and number theory. MATHEMATICAL INST.
Academy of Science of Ukraine (ISBN 966 – 337 – 036 – X) , Kiev – 2005
(coauthors V. V. Kirichenko, N.N. Semko).

L.A. Kurdachenko, J. Otal, I. Ya. Subbotin

Groups With Prescribed Quotient Groups and Associated Module Theory,
World Scientific: New Jersey, London, Singapore, Hong Kong, 2002, XII,
255 p.

Peer reviewed articles

1. *Some generalizations of layer – finite groups*. "The groups with prescribed properties of subgroups", Kiev, math. inst, 1973, 270 – 308.
2. *On some generalizations of layer – finite groups*. Reports of the National Academy of Sciences of Ukraine, ser. A , 1974 , no 3 , 231 – 216.
3. *Non – periodic groups with the restrictions on layers of elements*. Ukrain. Math. J. – 1974, 26, no 3 , 386 – 389.
4. *FC – groups with layer – finite periodic part*. "Some questions of group theory", Kiev, math. inst., 1975, 160 – 172.
5. *FC – groups with bounded orders of elements of its periodic part*. Siberian Math. J. – 1975,16 , no 6 , 1205 – 1213.
English translation: Siberian Math. J. – 1975, 16, no 6, 923 – 929.
6. *FC – groups, the periodic part of which are imbedded in a direct product of finite groups*. Math. Notes – 1977, 21, no 1, 9 – 20.
7. *The groups satisfying weak minimal and maximal conditions for normal subgroups*. Siberian Math. J. – 1979, 20, no 5, 1068 – 1076.
8. *Introduction in theory of groups with finite conjugate classes*. University of Dnepropetrovsk: Dnepropetrovsk – 1979.
9. *Groups satisfying weak minimal and maximal conditions for subnormal subgroups*. Math. Notes – 1981, 29, no 1, 19 – 30.
10. *The imbeddability of the FC-groups in a direct product of finite groups and torsion – free abelian group*. Math. Notes – 1981, 29, no 3, 359 – 373.
11. *Some conditions for embeddability of an FC – group in a direct product of finite groups and a torsion-free abelian group*. Mat. Sbornik – 1981, 114, no 4 , 566 – 582,
English translation – Mathematics of the USSR Sbornik – 1982, 42, no 4, 499 – 514.
12. *The infinite groups with generalized dense system of subnormal subgroups*. Ukrain. Math. J. – 1981, 33, no 3, 407 – 410
(coauthors V.V. Pylaev, N.F. Kuzenny).
13. *On the imbeddability of an FC – group of finite torsion – free rank in a direct product of finite groups and abelian torsion – free group*. Siberian Math. J. – 1982, 23, no 1, 213.
14. *On some conditions for imbeddability of locally normal group in a direct product of finite groups*. Siberian Math.J. – 1982, 23, no 4, 215.
15. *On the weak minimal and maximal conditions for normal subgroups in some classes of groups*. Siberian Math. J. – 1983, 24 , no 3, 212 – 213.
16. *FC – groups with bounded periodic part*. Ukrain. Math.J. – 1983, 35, no 3, 374 – 378.
17. *On some non – periodic FC – groups*. "The groups and the systems of its subgroups", math. inst.: Kiev – 1983, 92 – 100.

18. *The groups with non – cyclic subgroups of finite index.*
Ukrain.Math. J. – 1983, 35, no 4, 435 – 440
(coauthor V.V. Pylaev).
19. *On groups with infinite almost normal subgroups.*
Izvestija VUZ, Mathematic – 1983, no 10, 57 – 63
(coauthors N.N. Semko,S.S. Levischenko).
20. *Central factorizations of FC – groups.* "The structure of groups and its subgroups characterization", math. inst.: Kiev, 1984, 73 – 85.
21. *Locally nilpotent groups with weak minimal condition for normal subgroups.* Sibirian Math. J. – 1984, 25, no 4, 99 – 106
English translation: Sibirian Math. J. – 1984, 25, no 4, p. 589 – 594.
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(coauthors P. Longobardi, M. Maj)

HONORS

Honoured Worker of Science and Engineering of Ukraine.

Ph.D. Students

Petrenko B.V.

Defence of Ph.Dissertation in Kiev National University, 1997

Kalashnikova N.V.

Defence of Ph.Dissertation in Kiev National University, 1998

Chupordia V.A.

Defence of Ph.Dissertation in Kiev National University, 2008

Turbaj N.A.

Defence of Ph.Dissertation in Kiev National University, 2009

Pypka A.A.

Defence of Ph.Dissertation in Kiev National University, 2012

Velichko T.V.

Defence of Ph.Dissertation in National University of Ivano – Frankovs, 2015

Semko N.N. jr

Defence of Ph.Dissertation in National University of Ivano – Frankovs, 2016

Yashchuk V.S.

Defence of Ph.Dissertation in Kiev National University of Dnipro, 2019

OTHER

Member of Supreme certification committee of Ukraine

Member of committee of experts of ministry of education and science of Ukraine

Member of Academy of the higher education of Ukraine

Member of editorial boards of journal

Algebra and Discrete Mathematics

Member of editorial boards of journal
Advances in group theory and applications

Volume editor for

Algebra and Discrete Mathematics, Volume 13, number 3, 4 (2012), Special
issue devoted to S.N. Chernikov