

# Prof. MUSA DEMİRCİ

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: A-6557-2018

ScopusID: 23566581100

Yoksis Researcher ID: 47449

## Education Information

Doctorate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Turkey 2002 - 2007

Postgraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Turkey 2000 - 2002

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Turkey 1996 - 2000

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Diophant denklemleri ve eliptik eğriler, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2007

Postgraduate, Fermat'xxın son teoreminin uygulama alanları, 2002

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2021 - Continues

Associate Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2015 - 2021

Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2009 - 2015

Lecturer PhD, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2007 - 2009

Research Assistant, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, 2000 - 2007

## Courses

MATEMATİK II, Undergraduate, 2023 - 2024  
MAT 1071 MATEMATİK I ( TEKSTİL A GRUBU), Undergraduate, 2023 - 2024, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
matematik I, Undergraduate, 2023 - 2024  
MATEMATİK II, Undergraduate, 2021 - 2022  
MATEMATİK I, Undergraduate, 2021 - 2022  
ANALİZ II, Undergraduate, 2020 - 2021, 2019 - 2020  
MAT 1072 MATEMATİK II (ÇEVRE MÜH.), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010  
MAT 5204 SAYILAR TEORİSİ II, Postgraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018  
ÖZEL SAYILAR TEORİSİNE GİRİŞ, Undergraduate, 2021 - 2022  
TEMEL MATEMATİK I, Undergraduate, 2021 - 2022  
MAT 5119 HALKA TEORİSİ I, Postgraduate, 2020 - 2021, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015  
ANALİZ I , Undergraduate, 2020 - 2021, 2019 - 2020  
MAT 1072 MATEMATİK II(TEKSTİL B GRUBU), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010  
MAT 1071 MATEMATİK I (ÇEVRE A GRUBU), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
MAT 5203 SAYILAR TEORİSİ, Postgraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017  
CİSİM TEORİSİ II, Postgraduate, 2017 - 2018  
MAT 4092 Özel Sayılar Teorisi, Undergraduate, 2017 - 2018, 2016 - 2017  
MAT 4100 GALOİS TEORİSİ, Undergraduate, 2017 - 2018  
MAT 1072 MATEMATİK II (TEKSTİL ), Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
MAT 5117 Cisim Teorisi1, Postgraduate, 2017 - 2018  
MAT 4061 GALOİS TEORİSİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
MAT 1071 MATEMATİK I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
SOYUT CEBİR II, Doctorate, 2012 - 2013  
MAT 5208 CEBİRSEL SAYILAR TEORİSİ, Postgraduate, 2012 - 2013  
SOYUT CEBİR I, Doctorate, 2011 - 2012

## Advising Theses

Demirci M., Some identities constructed by means of the generating functions of tribonacci and lucas numbers, Postgraduate, E.NAMLI(Student), 2020  
Demirci M., Existence of balancing numbers in Fibonacci number sequence, Postgraduate, K.NAİR(Student), 2019  
Demirci M., The relations between fibonacci numbers and pascal's triangle, Postgraduate, S.KOCA(Student), 2019  
Demirci M., Elementary methods for solving some diophantine equations and their applications, Postgraduate, C.AĞAOĞLU(Student), 2015

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Bursa Uludağ Üniversitesi, July, 2024  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ University, December, 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On Omega Index and Average Degree of Graphs**  
Delen S., DEMİRÇİ M., Cevik A. S., CANGÜL İ. N.  
JOURNAL OF MATHEMATICS, vol.2021, 2021 (SCI-Expanded)
- II. **Omega Index of Line and Total Graphs**  
Demirci M., Delen S., Cevik A. S., Cangül I. N.  
JOURNAL OF MATHEMATICS, vol.2021, 2021 (SCI-Expanded)
- III. **Lucas graphs**  
Demirci M., Ozbek A., Akbayrak O., Cangül İ. N.  
JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, vol.65, no.1-2, pp.93-106, 2021 (SCI-Expanded)
- IV. **Fibonacci Graphs**  
Gunes A., Delen S., Demirci M., Cevik A. S., Cangül İ. N.  
SYMMETRY-BASEL, vol.12, no.9, 2020 (SCI-Expanded)
- V. **Matching number and characteristic polynomial of a graph**  
Yurttas Güneş A., Demirci M., Oz M. S., Cangül İ. N.  
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.14, pp.993-999, 2020 (SCI-Expanded)
- VI. **On the Diophantine Equation  $x(2)+5(a) \cdot p(b) = y(n)$**   
Demirci M.  
FILOMAT, vol.31, pp.5263-5269, 2017 (SCI-Expanded)
- VII. **On the diophantine equation  $x(2)+2(a) \cdot 3(b) \cdot 11(c) = y(n)$**   
Cangül İ. N., Demirci M., Inam I., Luca F., Soydan G.  
MATHEMATICA SLOVACA, vol.63, pp.647-659, 2013 (SCI-Expanded)
- VIII. **The constant term of the minimal polynomial of  $\cos(2\pi/n)$  over  $\mathbb{Q}$**   
Demirci M., Cangül İ. N.  
FIXED POINT THEORY AND APPLICATIONS, 2013 (SCI-Expanded)
- IX. **ON THE DIOPHANTINE EQUATION  $x(2) \cdot 5(a) \cdot 11(b) = y(n)$**   
Cangül İ. N., Demirci M., Soydan G., Tzanakis N.  
FUNCTIONES ET APPROXIMATIO: COMMENTARII MATHEMATICI, VOL 43, PT 2, vol.43, pp.209-225, 2010 (SCI-Expanded)
- X. **THE GROUP STRUCTURE OF BACHET ELLIPTIC CURVES OVER FINITE FIELDS  $F_p$**   
Ikikardes N. Y., DEMİRÇİ M., Soydan G., CANGÜL İ. N.  
MISKOLC MATHEMATICAL NOTES, vol.10, no.2, pp.129-136, 2009 (SCI-Expanded)
- XI. **Rational points on elliptic curves  $y(2)=x(3)+a(3)$  in  $F_p$  where  $p$  equivalent to 1 (mod 6) is prime**  
Demirci M., Soydan G., Cangül İ. N.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.37, pp.1483-1491, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Degree Based Topological Indices of Polysiloxanes**  
Togan M., Yurttas Güneş A., Demirci M., Cangül İ. N.  
Scientiae Mathematicae Japonicae, vol.85, no.3, pp.215-220, 2023 (Peer-Reviewed Journal)
- II. **INVERSE PROBLEM FOR ALBERTSON IRREGULARITY INDEX**  
Yurttas Güneş A., Togan M., Demirci M., Cangül İ. N.  
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.12, no.2, pp.8, 2022 (ESCI)
- III. **Topological Indices of triphenylene based discotic liquid crystals**  
Yurttas Güneş A., Togan M., Demirci M., Cangül I. N.  
ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES, vol.2021, pp.1-12, 2021 (ESCI)
- IV. **The Effect Of Omega Invariant On Some Topological Graph Indices**

DEMİRCİ M., YURTTAŞ GÜNEŞ A., Delen S., CANGÜL İ. N.

Creative Mathematics and Informatics, vol.30, no.2, pp.175-180, 2021 (Peer-Reviewed Journal)

- V. **New Relations for the Normal Subgroups of Hecke Groups**  
Demirci M., Akbayrak O., Özbek A., Ana U.  
Proceedings of the Jangeon Mathematical Society, vol.24, no.2, pp.191-195, 2021 (Scopus)
- VI. **Characteristic Polynomials of Subdivision Graphs**  
ÇELİK F., DEMİRCİ M., DELEN S., ANA U., CANGÜL İ. N.  
Advanced Studies in Contemporary Mathematics, vol.31, no.1, pp.21-31, 2021 (Peer-Reviewed Journal)
- VII. **Üçgensel sayılar ve graflar**  
Demirci M.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.1, pp.301-310, 2021 (Peer-Reviewed Journal)
- VIII. **Properties of Characteristic Polynomials of Oriented Graphs**  
DEMİRCİ M., ANA U., CANGÜL İ. N.  
MOBILE, UBIQUITOUS, AND PERVASIVE LEARNING: FUNDAMENTS, APPLICATIONS, AND TRENDS, pp.59-67, 2021 (Peer-Reviewed Journal)
- IX. **Some degree-based topological indices of triphenylene polyester**  
TOGAN M., YURTTAŞ GÜNEŞ A., DEMİRCİ M., CANGÜL İ. N.  
Indonesian Journal of Combinatorics, vol.5, no.1, pp.26-34, 2021 (Peer-Reviewed Journal)
- X. **Harmonic Index and Zagreb Indices of Vertex-Semitotal Graphs**  
Yurttaş Güneş A., Togan M., Demirci M., Cangül İ. N.  
European Journal of Pure and Applied Mathematics, vol.13, no.5, pp.1260-1269, 2020 (ESCI)
- XI. **Tribonacci graphs**  
Demirci M., Cangül İ. N.  
ITM Web of Conferences, vol.34, pp.1002, 2020 (Peer-Reviewed Journal)
- XII. **Fibonacci çokgenleri**  
Nair K., Koca S., Demirci M.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, no.22, pp.162-173, 2020 (Peer-Reviewed Journal)
- XIII. **Certain Topological Indices of Some Derived Graphs**  
Yurttaş Güneş A., Togan M., Demirci M., Cangül İ. N.  
Turkish Journal of Analysis and Number Theory, vol.8, no.4, pp.75-79, 2020 (Peer-Reviewed Journal)
- XIV. **On the Conjecture of Jesmanowicz**  
SOYDAN G., DEMİRCİ M., CANGÜL İ. N., TOGBE A.  
International Journal of Applied Mathematics and Statistics, vol.56, no.6, pp.46-72, 2017 (ESCI)
- XV. **On the Conjecture of Jesmanowicz**  
Soydan G., Demirci M., Cangul İ. N., Togbe A.  
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS & STATISTICS, vol.56, pp.46-72, 2017 (ESCI)
- XVI. **Upper bounds for the level of normal subgroups of Hecke groups**  
Demirci M., Yurttaş Güneş A., Cangül İ. N.  
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1389, pp.337-340, 2011 (Peer-Reviewed Journal)
- XVII. **The minimal polynomial of  $2\cos(\pi/2k)$  over the rationals**  
Demirci M., Yıldız İkikardeş N., Özgür B., Cangül İ. N.  
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1389, pp.325-328, 2011 (Peer-Reviewed Journal)
- XVIII. **Some properties of the minimal polynomials of  $2\cos(\pi/q)$  for odd  $q$**   
Özgür B., Demirci M., Yurttaş Güneş A., Cangül İ. N.  
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1389, pp.353-356, 2011 (Peer-Reviewed Journal)
- XIX. **Classification of normal subgroups of Hecke group  $H_6$  in terms of parabolic class number**  
Yurttaş Güneş A., Demirci M., Cangül İ. N.  
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1389, pp.315-316, 2011 (Peer-Reviewed Journal)

Journal)

- XX. **The Minimal Polynomials of  $2\cos(\pi / 2k)$  over the rationals**  
DEMİRÇİ M., YILDIZ İKİKARDEŞ N., ÖZGÜR B., CANGÜL İ. N.  
AIP Conference Proceedings, 2011 (Peer-Reviewed Journal)
- XXI. **Determination of Genus of Normal Subgroups of Discrete Groups**  
Cangül İ. N., Demirci M., Yurttaş Güneş A., Güzel Karpuz E., Ateş F.  
Numerical Analysis and Applied Mathematics, vol.1281, pp.1148-1151, 2010 (Peer-Reviewed Journal)
- XXII. **ON THE DIOPHANTINE EQUATION  $x^2 + 2(a) \cdot 11(b) = y(n)$**   
Cangül İ. N., Demirci M., Luca F., Pinter A., Soydan G.  
FIBONACCI QUARTERLY, vol.48, pp.39-46, 2010 (ESCI)
- XXIII. **CONSTRUCTION OF CYCLOIDAL FREE SUBGROUPS OF HECKE GROUPS OF FINITE INDEX**  
Yurttaş A., DEMİRÇİ M., Ozbay H., Capkin M., CANGÜL İ. N.  
JP JOURNAL OF ALGEBRA NUMBER THEORY AND APPLICATIONS, vol.14, no.2, pp.191-201, 2009 (ESCI)
- XXIV. **The Diophantine Equation  $x^2 + 11^m = y^n$ ,**  
Soydan G., Demirci M., Cangül İ. N.  
Adv. Studies in Contemporary Maths., , vol.19, no.2, pp.183-188, 2009 (Peer-Reviewed Journal)
- XXV. **THE GROUP STRUCTURE OF FREY ELLIPTIC CURVES OVER FINITE FIELDS  $F_p$**   
Ikikardes N. Y., DEMİRÇİ M., SOYDAN G., Canguel İ. N.  
JP JOURNAL OF ALGEBRA NUMBER THEORY AND APPLICATIONS, vol.10, no.2, pp.255-262, 2008 (ESCI)
- XXVI. **Counting the Number of Pythagorean Triples in Finite Fields**  
Soydan G., Demirci M., Yıldız İkikardeş N., Cangül İ. N.  
Advances in Theoretical and Applied Mathematics, vol.2, pp.77-82, 2007 (Peer-Reviewed Journal)
- XXVII. **Rational Points on Elliptic Curves  $y^2 = x^3 + a_3$  in  $F_p$ , where  $p \not\equiv 5 \pmod{6}$  is Prime**  
Soydan G., Demirci M., Yıldız İkikardeş N., Cangül İ. N.  
Int. J. of Mathematics Sciences, vol.1, no.4, pp.247-250, 2007 (Peer-Reviewed Journal)
- XXVIII. **Rational Points on Frey elliptic curves on finite fields**  
Demirci M., Soydan G., Cangül İ. N.  
Advances in Theoretical and Applied Mathematics, vol.2, pp.129-136, 2007 (Peer-Reviewed Journal)
- XXIX. **Classification of the Bachet Elliptic Curves  $y^2 = x^3 + a_3$  in  $F_p$ , where  $p \not\equiv 1 \pmod{6}$  is Prime**  
Yıldız İkikardeş N., Soydan G., Demirci M., Cangül İ. N.  
Int. J. of Mathematics Sciences, vol.1, no.4, pp.239-241, 2007 (Peer-Reviewed Journal)
- XXX. **The Number of Rational Points on Elliptic Curves  $y^2 = x^3 + a_3$  on Finite Fields**  
Demirci M., Yıldız İkikardeş N., Soydan G., Cangül İ. N.  
Int. J. of Mathematics Sciences, vol.1, no.4, pp.255-257, 2007 (Peer-Reviewed Journal)
- XXXI. **On the Additive Structure of the Set of Quadratic Residues Modulo  $p$**   
Soydan G., Yıldız İkikardeş N., Demirci M., Cangül İ. N.  
Adv. Studies in Contemporary Maths, vol.14, no.2, pp.251-257, 2007 (Peer-Reviewed Journal)
- XXXII. **CORRIGENDUM ON "THE NUMBER OF POINTS ON ELLIPTIC CURVES  $E : y^2 = x^3 + ax + b$**   
Inam I., SOYDAN G., DEMİRÇİ M., BİZİM O., CANGÜL İ. N.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.22, no.2, pp.207-208, 2007 (ESCI)
- XXXIII. **Corrigendum on The Number of Points on Elliptic Curves  $E : y^2 = x^3 + ax + b$  over  $\mathbb{F}_p \pmod{8}$**   
İNAM İ., SOYDAN G., DEMİRÇİ M., BİZİM O., CANGÜL İ. N.  
Communications of the Korean Mathematical Society, vol.22, no.2, pp.207-208, 2007 (Peer-Reviewed Journal)
- XXXIV. **A CLASS OF CONGRUENCE SUBGROUPS OF HECKE GROUP  $H(\lambda(5))$**   
DEMİRÇİ M., CANGÜL İ. N.  
BULLETIN OF THE INSTITUTE OF MATHEMATICS ACADEMIA SINICA NEW SERIES, vol.1, no.4, pp.549-556, 2006 (ESCI)
- XXXV. **A CONSTRUCTIVE METHOD FOR THE CYCLOIDAL NORMAL FREE SUBGROUPS OF FINITE INDEX OF HECKE GROUPS  $H(\sqrt{2})$  AND  $H(\sqrt{3})$**   
Doğan S., Demirci M., Bizim O., Cangül İ. N.  
BULLETIN OF THE INSTITUTE OF MATHEMATICS ACADEMIA SINICA NEW SERIES, vol.1, pp.429-436, 2006 (ESCI)

- XXXVI. **Determining the Signature of Normal Subgroups of Discrete Groups**  
Özdemir H. B., Demirci M., Cangül İ. N.  
International Journal of Contemporary Mathematical Sciences, , vol.060041, pp.25-30, 2006 (Peer-Reviewed Journal)
- XXXVII. **A method for finding normal subgroups of Hecke groups**  
Özdemir H. B., Demirci M., Cangül İ. N.  
Proc. of the Jangeon Math. Soc., , vol.9, pp.51-55, 2006 (Peer-Reviewed Journal)
- XXXVIII. **Diophantine Equations and Congruence Subgroups of the Hecke Groups  $H(\sqrt{2})$  and  $H(\sqrt{3})$ ,**  
Demirci M., Soydan G., Cangül İ. N.  
Adv. Studies in Contemporary Maths., , vol.12, pp.309-313, 2006 (Peer-Reviewed Journal)
- XXXIX. **A CLASS OF CONGRUENCE SUBGROUPS OF HECKE GROUP  $H(5)$**   
DEMİRCİ M., CANGÜL İ. N.  
BULLETIN OF THE INSTITUTE OF MATHEMATICS ACADEMIA SINICA NEW SERIES, vol.1, no.4, pp.549-556, 2006 (Peer-Reviewed Journal)
- XL. **A Constructive Method for the Cycloidal Normal Free Subgroups of Finite Index of Hecke Groups  $H\sqrt{2}$  and  $H\sqrt{3}$**   
DOĞAN S., DEMİRCİ M., BİZİM O., CANGÜL İ. N.  
BULLETIN OF THE INSTITUTE OF MATHEMATICS ACADEMIA SINICA NEW SERIES, vol.1, no.3, pp.429-436, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Properties of Characteristic Polynomials of Oriented Graphs**  
DEMİRCİ M., ANA U., CANGÜL İ. N.  
in: Advances in Intelligent Systems and Computing, Kacprzyk, Janusz, Editor, Springer, pp.59-65, 2021
- II. **Matematik Cilt 1**  
Cangül İ. N., Demirci M., Bozkurt D., Duman O., Başarır M., Sabuncuoğlu A.  
Nobel Yayın Dağıtım, Ankara, 2013

## Refereed Congress / Symposium Publications in Proceedings

- I. **New Applications of Graphs**  
CANGÜL İ. N., DEMİRCİ M.  
INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS, Craiova, Romania, 29 - 31 October 2020, pp.15-16
- II. **FIBONACCI GRAPHS AND NUMBER THEORY**  
DEMİRCİ M.  
ANKARA III. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Ankara, Turkey, 2 - 04 October 2020, pp.259
- III. **A Number Theoretical Approach to Lucas Graphs**  
DEMİRCİ M.  
Uluslararası Bilimsel Çalışmalar Kongresi, Turkey, 28 - 30 September 2020, pp.183-184
- IV. **Hecke Gruplarının Normal Altgruplarının Seviyeleri için Üst Sınırlar**  
DEMİRCİ M., YURTTAŞ A., CANGÜL İ. N.  
XXIV. Ulusal Matematik Günleri, Bursa, Turkey, 7 - 10 September 2011
- V. **Some Properties of the Minimal Polynomials of  $2\cos(\pi/q)$  for odd  $q$**   
Ozgur B., DEMİRCİ M., Yurttas A., CANGÜL İ. N.  
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25 September 2011, vol.1389
- VI. **Classification of Normal Subgroups of Hecke Group  $H_6$  in Terms of Parabolic Class Number**

Yurttas A., DEMİRCİ M., CANGÜL İ. N.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25 September 2011, vol.1389

**VII. Upper Bounds for the Level of Normal Subgroups of Hecke Groups**

DEMİRCİ M., Yurttas A., CANGÜL İ. N.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25 September 2011, vol.1389

**VIII. The Minimal Polynomials of  $2\cos(\pi/2k)$  over the Rationals**

DEMİRCİ M., İkikardes N. Y., Ozgur B., CANGÜL İ. N.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25 September 2011, vol.1389

**IX. Determination of genus of normal subgroups of discrete groups**

CANGÜL İ. N., DEMİRCİ M., Yurttas A., Karpuz E. G., ATEŞ F.

International Conference on Numerical Analysis and Applied Mathematics 2010, ICNAAM-2010, Rhodes, Greece, 19 - 25 September 2010, vol.1281, pp.1148-1151

**X. On the Solutions of Some Specific Exponential Diophantine Equations**

Soydan G., Cangül İ. N., Demirci M.

International Congress of Mathematicians, , Abohar, India, 19 August 2010, pp.1-11

**XI. Congruence Subgroups of Modular Group and Hecke Groups**

Demirci M., Soydan G., Özgür B., Cangül İ. N.

23rd International Conference of the Jangjeon Mathematical Society, Ahvaz, Iran, 07 February 2010, pp.1-6

**XII. On some recent results concerning exponential Diophantine equations**

Cangül İ. N., Soydan G., Demirci M.

The 22nd International Conference of Jangjeon Mathematical Society, Karnataka, India, 13 August 2009, pp.1-9

**XIII. On A Diophantine Equation,**

Soydan G., Cangül İ. N., Demirci M., Yıldız İkikardeş N.

Antalya Algebra Days XI, Antalya, Turkey, 19 May 2009, pp.38

**XIV. The Solutions of the Exponential Diophantine Equation  $x^2 + 2a^3b^{11}c = y^n$ ,**

Cangül İ. N., Soydan G., Demirci M., Yıldız İkikardeş N.

Antalya Algebra Days XI, , Antalya, Turkey, 19 May 2009, pp.1-16

**XV. On Exponential Diophantine Equations II**

Soydan G., Cangül İ. N., Demirci M., Yıldız İkikardeş N.

Antalya Algebra Days XI, Antalya, Turkey, 19 May 2009, pp.1-6

**XVI. On Exponential Diophantine Equations I**

Soydan G., Cangül İ. N., Demirci M., İnam İ., Pinter A.

University Essen Institute für Experimentelle Mathematik, Forschungsseminar Wintersemester, , Essen, Germany, 21 January 2009, pp.1-10

**XVII. The Diophantine Equation  $x^2 + 11^m = y^n$**

Soydan G., Demirci M., Cangül İ. N.

The 20th Int. Congress of Jangjeon Math. Soc., , Bursa, Turkey, 21 August 2008, pp.1-5

**XVIII. Two special elliptic curve classes**

Cangül İ. N., Demirci M., Soydan G., Yıldız İkikardeş N.

International Symposium on Complex Analysis, Sibiu, Romania, 25 August 2007, pp.1-10

**XIX. Modular Group and Their Generalizations: Hecke Groups**

Demirci M., Cangül İ. N.

The 19th International Conference of the Jangjeon Mathematical Society, Karnataka, India, 22 February 2007, pp.1-9

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