

Prof. ERDİNÇ ÇAKIROĞLU

Personal Information

Email: erdinc@metu.edu.tr

Education Information

Doctorate, Indiana University Bloomington, Curriculum And Instruction, United States Of America 1996 - 2000

Post Graduate, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1992 - 1994

Under Graduate, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1987 - 1992

Foreign Languages

English, C1 Advanced

Dissertations

Post Graduate, Modules in pre-service training of mathematics teachers in probability and statistics, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1994

Research Areas

Social Sciences and Humanities, Education, Elementary School Education, Teacher Training For Elementary Sch. Edu. in Mathematics

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2014 - Continues

Associate Professor, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2009 - 2014

Assistant Professor, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2003 - 2009

Lecturer, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2000 - 2003

Professional Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, 2018 - Continues

Fakülte Kurulu Üyesi, Middle East Technical University, Faculty Of Education, Secondary Science And Mathematics Education, 2018 - Continues

Manager of Research and Application Center, Middle East Technical University, Faculty Of Education, Secondary Science And Mathematics Education, 2015 - Continues
Vice Dean, Middle East Technical University, Faculty of Education, 2013 - 2016

Courses

SCHOOL EXPERIENCE, Under Graduate, 2018 - 2019
EDUCATIONAL DESIGN RESEARCH, Doctorate, 2017 - 2018

Advising Theses

ÇAKIROĞLU E., A case study on middle grade mathematics teachers' use of questioning in teaching lines and angles, Doctorate, A.YILMAZ(Student), 2019
ÇAKIROĞLU E., Playing with mathematics in the arts studio: Students' visual-spatial thinking processes in the context of a studio thinking based-environment, Doctorate, M.KUŞ(Student), 2019
ÇAKIROĞLU E., An investigation of fifth grade students' behaviors and difficulties through multiple implementation of model eliciting activities, Post Graduate, E.DEDEBAŞ(Student), 2017
ÇAKIROĞLU E., Fostering spatial abilities of seventh graders through augmented reality environment in mathematics education: A design study, Doctorate, B.ÖZÇAKIR(Student), 2017
ÇAKIROĞLU E., Developing prospective mathematics teachers' knowledge for teaching quadrilaterals through a video case-based learning environment, Doctorate, F.ULUSOY(Student), 2016
ÇAKIROĞLU E., Assessment in the 5th grade mathematics classrooms: A case study of the teachers' practices, Doctorate, N.UÇAR(Student), 2016
ÇAKIROĞLU E., Middle school mathematics teachers' sense of self-efficacy for teaching mathematics to fifth grade students, Post Graduate, E.ŞENER(Student), 2016
ÇAKIROĞLU E., Pre-service middle school mathematics teachers' proportional reasoning before and after a practice-based instructional module, Doctorate, M.PİŞKİN(Student), 2016
ÇAKIROĞLU E., Technological pedagogical content knowledge (TPACK) development of preservice middle school mathematics teachers in statistics teaching: A microteaching lesson study, Doctorate, G.KURT(Student), 2016
ÇAKIROĞLU E., İŞIKSAL BOSTAN M., Prospective teachers' self-efficacy for preparing and implementing worthwhile mathematical tasks, Doctorate, B.YÜREKLİ(Student), 2015
ÇAKIROĞLU E., The relationship among metacognition, reasoning ability and mathematical problem solving performance of ninth grade students, Doctorate, Y.ÖZGE(Student), 2015
ÇAKIROĞLU E., Pre-service middle school mathematics teachers' understanding of quadrilaterals through the definitions and their relationships, Doctorate, S.ÖZTOPRAKÇI(Student), 2014
AKYÜZ D., ÇAKIROĞLU E., A phenomenological study on incorporating the history of mathematics into teaching from the perspective of primary and mathematics teachers, Post Graduate, S.SÖZEN(Student), 2013
ÇAKIROĞLU E., Investigation of pre-service mathematics teachers' critical thinking processes through statistical and probabilistic knowledge in the context of popular media texts, Post Graduate, M.ÖZEN(Student), 2013
Çakiroğlu E., Çapa Aydın Y., Development of a test for assessing teachers' mathematical content knowledge for teaching geometric measurement at elementary grade level, Doctorate, Y.ESEN(Student), 2013
AKYÜZ D., ÇAKIROĞLU E., Investigating the use of technology on pre-service elementary mathematics teachers' plane geometry problem solving strategies, Post Graduate, İ.KOYUNCU(Student), 2013
ÇAKIROĞLU E., Sixth grade students' perceptions of and engagement in ethnomathematical tasks in the area measurement concept, Post Graduate, H.EZGİ(Student), 2013
ÇAKIROĞLU E., The effects of teaching linear equations with dynamic mathematics software on seventh grade students' achievement, Post Graduate, R.DOKTOROĞLU(Student), 2013
ÇAKIROĞLU E., The effects of mathematics instruction supported by dynamic geometry activities on seventh grade students achievement in area of quadrilaterals, Post Graduate, B.ÖZÇAKIR(Student), 2013

ÇAKIROĞLU E., Ortaokul matematik öğretmenlerinin dönüşüm geometrisi öğretiminde yaşadıkları problemler ve bu sorunların çözümü için öneriler, Post Graduate, S.İLASLAN(Student), 2013

ÇAKIROĞLU E., An investigation of pre-service elementary mathematics teachers' techno-pedagogical content knowledge within the context of their teaching practices, Doctorate, E.BALGALMIŞ(Student), 2013

ÇAKIROĞLU E., Middle school mathematics teachers use of textbooks and integration of textbook tasks into practice: A mixed methods study, Doctorate, M.ÖZGELDİ(Student), 2012

ÇAKIROĞLU E., Pre-service elementary mathematics teachers knowledge about definitions of integers and their knowledge about elementary students' possible misconceptions and errors in describing integers, Post Graduate, A.KUBAR(Student), 2012

SUNGUR S., ÇAKIROĞLU E., A structural model on 7th grade students' motivational beliefs, use of self-regulation strategies, and mathematics achievement, Doctorate, F.KAYAN(Student), 2011

ÇAKIROĞLU E., An investigation of mathematics achievement of eighth grade students with respect to their learning styles, Post Graduate, S.SERKAN(Student), 2011

ÇAKIROĞLU E., The effect of creative drama based instruction on seventh grade students' achievement in ratio and proportion concepts and attitude towards mathematics, Post Graduate, E.DEBRELİ(Student), 2011

ÇAKIROĞLU E., An elementary mathematics teacher's pedagogical reasoning in selecting learning activities, Doctorate, M.ÇATAK(Student), 2011

ÇAKIROĞLU E., HASER Ç., Pre-service elementary mathematics teachers' self-regulated learning strategies within the context of their teaching practices, Doctorate, G.KURT(Student), 2010

ÇAKIROĞLU E., BULUT S., Investigation of pre-service elementary mathematics teachers' self-efficacy beliefs about using concrete models in teaching mathematics, Post Graduate, M.PİŞKİN(Student), 2010

ÇAKIROĞLU E., İŞIKSAL BOSTAN M., The relationships among preservice teachers' spatial visualization ability, geometry self-efficacy, and spatial anxiety, Post Graduate, Ö.DURSUN(Student), 2010

ÇAKIROĞLU E., A study on sixth grade students' spatial reasoning regarding 2D representations of 3D objects, Post Graduate, Z.ERYAMAN(Student), 2009

ÇAKIROĞLU E., Teachers' perceived efficacy beliefs and perceptions regarding the implementation of the 2004 primary mathematics curriculum, Post Graduate, İ.İŞLER(Student), 2008

ÇAKIROĞLU E., The effect of using dynamic geometry software while teaching by guided discovery on students' geometric thinking levels and achievement, Post Graduate, Z.GÜL(Student), 2008

ÇAKIROĞLU E., Preservice elementary mathematics teachers' efficacy beliefs about using manipulatives in teaching mathematics, Post Graduate, E.BAKKALOĞLU(Student), 2007

ÇAKIROĞLU E., Elementary school teachers' views about their implementation of the assessment techniques recommended in the new mathematics curriculum, Post Graduate, N.UÇAR(Student), 2007

ÇAKIROĞLU E., A study on preservice elementary mathematics teachers mathematical problem solving beliefs, Post Graduate, F.KAYAN(Student), 2007

ÇAKIROĞLU E., Eighth grade students' skills in translating among different representations of algebraic concepts., Post Graduate, Ö.SERT(Student), 2007

ÇAKIROĞLU E., Middle grade students' abilities in translating among representations of fractions, Post Graduate, G.KURT(Student), 2006

ÇAKIROĞLU E., A study on pre-service elementary mathematics teachers' subject matter knowledge and pedagogical content knowledge regarding the multiplication and division of fractions, Doctorate, M.İŞIKSAL(Student), 2006

ÇAKIROĞLU E., A study on pattern of 6th grade elementary mathematics lesson, Post Graduate, O.DOĞAN(Student), 2006

ÇAKIROĞLU E., Eighth grade students' perceptions related to their mathematics teachers' interpersonal behaviors, Post Graduate, M.ŞİMŞEKER(Student), 2005

ÇAKIROĞLU E., The effects of multiple representations-based instruction on seventh grade students' algebra performance, attitude toward mathematics, and representation preference, Doctorate, O.AKKUŞ(Student), 2004

ÇAKIROĞLU E., Teaching logarithm by guided discovery learning and real life applications, Post Graduate, Y.ÇETİN(Student), 2004

ÇAKIROĞLU E., Preservice teachers attitudes toward the use of manipulatives: The influence of field experience, Post Graduate, B.TUNCAY(Student), 2004

ÇAKIROĞLU E., The effects of real data based and calculator supported statistics activities on 7th grade students'

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Sources of preservice teachers' self-efficacy in the context of a mathematics teaching methods course**
Yurekli B., İŞIKSAL BOSTAN M., ÇAKIROĞLU E.
JOURNAL OF EDUCATION FOR TEACHING, 2020 (Journal Indexed in SSCI)
- **Exploring prospective teachers' noticing of students' understanding through micro-case videos**
ULUSOY F., ÇAKIROĞLU E.
JOURNAL OF MATHEMATICS TEACHER EDUCATION, 2020 (Journal Indexed in SSCI)
- **The Development of Mathematical Achievement in Analytic Geometry of Grade-12 Students through GeoGebra Activities**
Khalil M., Farooq R. A. , ÇAKIROĞLU E., Khalil U., Khan D. M.
EURASIA JOURNAL OF MATHEMATICS SCIENCE AND TECHNOLOGY EDUCATION, vol.14, pp.1453-1463, 2018 (Journal Indexed in SSCI)
- **Using video cases and small-scale research projects to explore prospective mathematics teachers' noticing of student thinking**
Ulusoy F., Çakiroğlu E.
Eurasia Journal of Mathematics, Science and Technology Education, vol.14, 2018 (Journal Indexed in SSCI Expanded)
- **Pre-service Teachers' Developing Conceptions about the Nature and Pedagogy of Mathematical Modeling in the Context of a Mathematical Modeling Course**
Çetinkaya B., Kertil M., Erbaş A. K. , Korkmaz H., Alacacı C., Çakiroğlu E.
MATHEMATICAL THINKING AND LEARNING, vol.18, pp.287-314, 2016 (Journal Indexed in SSCI)
- **Developing a Structural Model on the Relationship among Motivational Beliefs, Self-Regulated Learning Strategies, and Achievement in Mathematics**
FADLELMULA F. K. , ÇAKIROĞLU E., SUNGUR S.
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.13, pp.1355-1375, 2015 (Journal Indexed in SSCI)
- **INVESTIGATING PLANE GEOMETRY PROBLEM-SOLVING STRATEGIES OF PROSPECTIVE MATHEMATICS TEACHERS IN TECHNOLOGY AND PAPER-AND-PENCIL ENVIRONMENTS**
Koyuncu I., AKYÜZ D., ÇAKIROĞLU E.
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.13, pp.837-862, 2015 (Journal Indexed in SSCI)
- **Mathematical Modeling in Mathematics Education: Basic Concepts and Approaches**
ERBAŞ A. K. , KERTİL M., ÇETİNKAYA B., ÇAKIROĞLU E., ALACACI C., BAŞ S.
KURAM VE UYGULAMADA EGİTİM BİLİMLERİ, vol.14, pp.1621-1627, 2014 (Journal Indexed in SSCI)
- **Matematik eğitiminde matematiksel modelleme Temel kavramlar ve farklı yaklaşımlar Mathematical modeling in mathematics education Basic concepts and different approaches**
Erbaş A. K. , Kertil M., Çetinkaya B., Çakiroğlu E., Alacacı C., Baş S.
Kuram Ve Uygulamada Eğitim Bilimleri, vol.14, pp.1607-1627, 2014 (Journal Indexed in SSCI)
- **Middle grade students' performances in translating among representations of fractions: A Turkish perspective**
Kurt G., ÇAKIROĞLU E.
LEARNING AND INDIVIDUAL DIFFERENCES, vol.19, pp.404-410, 2009 (Journal Indexed in SSCI)
- **Preservice Elementary Teachers' Attitudes and Self-efficacy Beliefs toward Mathematics**
ÇAKIROĞLU E., İSİKSAL BOSTAN M.
EGİTİM VE BİLİM-EDUCATION AND SCIENCE, vol.34, pp.132-139, 2009 (Journal Indexed in SSCI)
- **Preservice elementary mathematics teachers' mathematical problem solving beliefs İlköğretim**

matemati•k öğretmen adaylarının matemati•ksel problem çözmeye yöneli•k i•nançları

Kayan F., ÇAKIROĞLU E.

Hacettepe Eğitim Dergisi, pp.218-226, 2008 (Journal Indexed in SCI Expanded)

The teaching efficacy beliefs of pre-service teachers in the USA and Turkey

Çakroğlu E.

Journal of Education for Teaching, vol.34, pp.33-44, 2008 (Journal Indexed in SCI Expanded)

PRESERVICE TEACHERS' KNOWLEDGE OF STUDENTS' COGNITIVE PROCESSES ABOUT THE DIVISION OF FRACTIONS

İŞIKSAL BOSTAN M., ÇAKIROĞLU E.

HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, pp.175-185, 2008 (Journal Indexed in SSCI)

İlköğretim matematik öğretmen adaylarının matematiğe ve matematik öğretimine yönelik yeterlik algıları

İŞIKSAL BOSTAN M., ÇAKIROĞLU E.

HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.31, pp.74-84, 2006 (Journal Indexed in SSCI)

Articles Published in Other Journals

Exploring self-efficacy beliefs within the context of teaching mathematics with concretemodels

Tunç M. P. , Çakroğlu E., Bulut S.

Elementary Education Online, vol.19, pp.100-117, 2020 (Refereed Journals of Other Institutions)

Prospective mathematics teachers' critical thinking processes about scientific research: Newspaper article example

Kus M., ÇAKIROĞLU E.

TURKISH JOURNAL OF EDUCATION, vol.9, pp.22-45, 2020 (Journal Indexed in ESCI)

Effects of Dynamic Geometry Activities on Seventh Graders' Learning on Area of Quadrilaterals

Özçakır B., Çakroğlu E.

International Journal for Mathematics Teaching and Learning, vol.20, pp.257-271, 2019 (Refereed Journals of Other Institutions)

An Inquiry into the Underlying Reasons for the Impact of Technology Enhanced Problem-Based Learning Activities on Students' Attitudes and Achievement

Cetin Y., MİRASYEDİOĞLU Ş., Cakiroglu E.

EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, pp.191-208, 2019 (Journal Indexed in ESCI)

Mathematics teachers' knowledge and skills about questioning in the context of modeling activities

Yenmez A. A. , Erbaş A. K. , Çakroğlu E., Çetinkaya B., Alacacı C.

TEACHER DEVELOPMENT, vol.22, pp.497-518, 2018 (Journal Indexed in ESCI)

Ortaokul 7. Sınıfta Dörtgenlerin Alan Bağınıtlarını Oluşturma Sürecinde Dinamik Geometri Yazılımlarının Kullanılması

ÖZÇAKIR B., ÇAKIROĞLU E.

Kırşehir Eğitim Fakültesi Dergisi, vol.18, pp.231-248, 2017 (Other Refereed National Journals)

Prospective Teachers' Knowledge on Middle School Students' Possible Descriptions of Integers

Kubar A., ÇAKIROĞLU E.

INTERNATIONAL JOURNAL OF EDUCATION IN MATHEMATICS SCIENCE AND TECHNOLOGY, vol.5, pp.279-294, 2017 (Journal Indexed in ESCI)

Ortaokul öğrencilerinin paralelkenarı ayırt etme biçimleri: Aşırıözelleme ve aşırı genelleme.

ULUSOY F., ÇAKIROĞLU E.

Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, vol.17, pp.457-475, 2017 (Other Refereed National Journals)

A Study On Pre-Service Teachers' Spatial Visualization Ability and Spatial Anxiety

Erkek Ö., Isıksal Bostan M., Çakıroğlu E.

KASTAMONU EĞİTİM DERGİSİ, vol.25, pp.33-50, 2017 (Other Refereed National Journals)

Evolution of Mathematics Teachers' Pedagogical Knowledge when They are Teaching through Modeling

Yenmez A. A. , Erbaş A. K. , Alacaci C., Çakıroğlu E., Çetinkaya B.

INTERNATIONAL JOURNAL OF EDUCATION IN MATHEMATICS SCIENCE AND TECHNOLOGY, vol.5, pp.317-332, 2017 (Journal Indexed in ESCI)

Developing teachers' models for assessing students' competence in mathematical modelling through lesson study

Yenmez A. A. , Erbaş A. K. , Çakıroğlu E., Alacaci C., Çetinkaya B.

INTERNATIONAL JOURNAL OF MATHEMATICAL EDUCATION IN SCIENCE AND TECHNOLOGY, vol.48, pp.895-912, 2017 (Journal Indexed in ESCI)

Exploring prospective secondary mathematics teachers' interpretation of student thinking through analysing students' work in modelling

Kabar M. G. D. , Erbaş A. K. , Çetinkaya B., Çakıroğlu E., Alacaci C.

MATHEMATICS EDUCATION RESEARCH JOURNAL, vol.28, pp.349-378, 2016 (Journal Indexed in ESCI)

Öğrenci çalışmalarını incelemenin öğrenci düşünme şekillerini anlamadaki rolü ile ilgili matematik öğretmen adaylarının düşünceleri

Didiş M. G. , Erbaş A. K. , Çetinkaya B., Çakıroğlu E., Alacaci C.

Turkish Journal of Computer and Mathematics Education, vol.6, pp.139-162, 2015 (Other Refereed National Journals)

Prospective secondary mathematics teachers interpretations of students thinking

Didiş M. G. , Erbaş A. K. , Çetinkaya B., Çakıroğlu E.

RESEARCH IN MATHEMATICS EDUCATION, vol.16, pp.77-78, 2014 (Refereed Journals of Other Institutions)

In-service elementary mathematics teachers' conceptions of histogram and difficulties about its teaching Process İlköğretim matematik öğretmenlerinin histogram kavramına ilişkin kavrayışları ve bu kavramın öğretim sürecinde karşılaştıkları sorunlar

Ulusoy F., ÇAKIROĞLU E.

Elementary Education Online, vol.12, pp.1141-1156, 2013 (Refereed Journals of Other Institutions)

The nature of prospective mathematics teachers' pedagogical content knowledge: the case of multiplication of fractions

Isıksal M., Çakıroğlu E.

JOURNAL OF MATHEMATICS TEACHER EDUCATION, vol.14, pp.213-230, 2011 (Journal Indexed in ESCI)

Elementary Students' Scientific Epistemological Beliefs in Relation to Socio-Economic Status and Gender

Ozkal K., Tekkaya C., SUNGUR S., ÇAKIROĞLU J., ÇAKIROĞLU E.

Journal of Science Teacher Education, vol.22, pp.115-127, 2011 (Journal Indexed in ESCI)

Gender Differences Regarding Mathematics Achievement The Case of Turkish Middle School Students

Isıksal Bostan M., Çakıroğlu E.

School Science and Mathematics, vol.108, pp.113-120, 2008 (Refereed Journals of Other Institutions)

İlköğretim matematik öğretmen adaylarının epistemolojik kavramlamaları Üniversite ve sınıf düzeyinin etkisi

Isıksal Bostan M., Kurt G., Doğan O., Çakıroğlu E.

İLKÖĞRETİM ONLİNE, vol.6, pp.313-321, 2007 (Other Refereed National Journals)

Pre-service mathematics teachers' efficacy beliefs toward mathematics and mathematics teaching

Isıksal Bostan M., Çakıroğlu E.

HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.31, 2006 (Refereed Journals of Other Institutions)

Professional development through technology integrated problem solving From Intermath to T Math

ERBAŞ A. K. , ÇAKIROĞLU E., AYDIN U., BEŞER Ş.

The Mathematics Educator, vol.16, pp.35-46, 2006 (Refereed Journals of Other Institutions)

İLKÖĞRETİM MATEMATİK ÖĞRETMEN ADAYLARININ MATEMATİĞE VE MATEMATİK ÖĞRETİMİNE YÖNELİK YETERLİK ALGILARI/ PRE-SERVICE MATHEMATICS TEACHERS' EFFICACY BELIEFS TOWARD MATHEMATICS AND MATHEMATICS TEACHING

İŞIKSAL BOSTAN M., ÇAKIROĞLU E.

HACETTEPE UNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.31, pp.74-84, 2006 (Other Refereed National Journals)

Teacher Efficacy and Academic Performance

İŞIKSAL M., ÇAKIROĞLU E.

Academic Exchange Quarterly, vol.9, pp.28-32, 2005 (Refereed Journals of Other Institutions)

Pre service Teacher Self efficacy Beliefs Regarding Science Teaching A Comparison of Pre service Teachers in Turkey and the USA

ÇAKIROĞLU J., ÇAKIROĞLU E., BOONE W.

Science Educator, vol.14, pp.31-40, 2005 (Refereed Journals of Other Institutions)

Reflections on Teacher Education in Turkey

Çakıroğlu E., Çakıroğlu J.

Journal of European Teacher Education, vol.26, pp.253-265, 2003 (Refereed Journals of Other Institutions)

Öğretimde bilgisayar kullanımına ilişkin öğretmen görüşleri

ÇAĞILTAY K., ÇAKIROĞLU J., ÇAĞILTAY N., ÇAKIROĞLU E.

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, vol.7, pp.8, 2001 (Other Refereed National Journals)

Books & Book Chapters

Lise matematik konuları için günlük hayattan modelleme soruları

Erbaş A. K. , Çetinkaya B., Alacacı C., Çakıroğlu E., Aydoğan Yenmez A., Şen Zeytun A., Korkmaz H., Kertil M., Didiş M. G. , Baş S., et al.

Türkiye Bilimler Akademisi, Ankara, 2016

Matematik eğitiminde matematiksel modelleme

Kertil M., Çetinkaya B., Erbaş A. K. , Çakıroğlu E.

in: Matematik eğitiminde teoriler, E. Bingölbalı, S. Arslan, & İ. Ö. Zembat, Editor, Pegem A Yayıncılık, Ankara, pp.539-563, 2016

Refereed Congress / Symposium Publications in Proceedings

What do prospective mathematics teachers mean by “definitions can be proved”?

DİLBEROĞLU M., HASER Ç., ÇAKIROĞLU E.

Eleventh Congress of the European Society for Research in Mathematics Education, 6 - 10 February 2019

STRATEGİES USED BY FİRST GRADE STUDENTS İN THE PROCESS OF SOLVİNG JOİN PROBLEMS

Aytekin E., Çakıroğlu E., Sevinç Ş., Isıksal Bostan M., Kandil S.

2. Uluslararası Temel Eğitim Kongresi (UTEK 2019), Muğla, Turkey, 23 - 27 October 2019

Eliciting Students' Visual-Spatial Thinking Processes in an Art Studio

KUŞ M., ÇAKIROĞLU E.

Bridges 2019: Mathematics, Art, Music, Architecture, Education, Culture, 16 - 20 July 2019, pp.379-382

1. sınıf öğrencilerinin çıkarma problemleri cozerken kullandıkları toplama stratejileri

Sevinç Ş., İşıksal Bostan M., Çakıroğlu E., Kandil S.

13. Ulusal Fen Bilimleri Ve Matematik Eğitimi Kongresi, Denizli, Turkey, 4 - 06 October 2018

First Grade Students' Counting Strategies

KANDİL S., İŞIKSAL BOSTAN M., SEVİNÇ Ş., ÇAKIROĞLU E.

International Congress on Science and Education (ICSE2018), 28 - 30 September 2018, pp.427-428

Developing First Graders' Number Sense Through Subitizing Activities

Şeker V., Karaca E. T. , Sevinç Ş., Çakıroğlu E., Işıksal Bostan M.

European Educational Research Association, Bolzano, Italy, 4 - 07 September 2018

1. Sınıf Öğrencilerinin Problem Kurma Deneyimleri

Çakıroğlu E., Karaca E. T. , Sevinç Ş., Işıksal Bostan M., Şeker V.

17. Uluslararası Sınıf Öğretmenliği Sempozyumu, Ankara, Turkey, 11 - 14 April 2018

Researchers experience of developing mathematical modeling tasks for secondary levels

DİDİŞ M. G. , BAŞ S. , ÇAKIROĞLU E., ERBAŞ A. K. , ÇETİNKAYA B., ALACACI C.

13th International Congress on Mathematical Education, Hamburg, Germany, 24 - 31 July 2016

Investigating sources of pre service teachers self efficacy for preparing and implementing mathematical tasks

YÜREKLİ B., IŞIKSAL M., ÇAKIROĞLU E.

Ninth Congress of the European Society for Research in Mathematics Education, CERME 9, 4 - 08 February 2015

Making sense of statistical and probabilistic information in the media texts Pre service teachers critical thinking processes

ÖZEN M., ÇAKIROĞLU E.

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Investigating Sources of Pre Service Teachers Self Efficacy For Preparing And Implementing Mathematical Tasks

YÜREKLİ B., IŞIKSAL M., ÇAKIROĞLU E.

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MONITORING ELEMENTARY STUDENTS' COMPUTATIONAL FLUENCY THROUGH CURRICULUM BASED MEASUREMENT

ÇAKIROĞLU E.

5th International Conference on Education and New Learning Technologies (EDULEARN), Barcelona, Spain, 1 - 03 July 2013, pp.6078

Lise matematik öğretmenlerinin modelleme ve modellemenin matematik öğretiminde kullanılmasına yönelik düşünceleri Bir hizmet içi eğitim programının etkisi

ÖREN VURAL D., ÇETİNKAYA B., ERBAŞ A. K. , ALACACI C., ÇAKIROĞLU E.

I. Türk Bilgisayar ve Matematik Eğitimi Sempozyumu, Turkey, 20 - 22 June 2013

Preservice Teacher s Reflective Practice Guide For Learning About Teaching

Ayan R., AKYÜZ D., Işıksal M., ÇAKIROĞLU E.

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