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Education Information

Doctorate, Cukurova University, Fen Bilimleri, Fizik, Turkey 1992 - 1996

Post Graduate, Cukurova University, Fen Bilimleri, Fizik, Turkey 1998 - 1992

Under Graduate, Cukurova University, Fen - Edebiyat Fakültesi, Fizik, Turkey 1984 - 1988

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı Ferroelektrik Kristallerin Optik ve Fotoelektret Özelliklerinin İncelenmesi, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1996

Post Graduate, İnce Film SnO₂ /Cu₂O Güneş Pilleri, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1992

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen Edebiyat , Fizik, 2015 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2010 - 2015

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1997 - 2010

Research Assistant PhD, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1996 - 1997

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1989 - 1996

Professional Experience

Head of Department, Cukurova University, İmamoğlu Myo, Elektrik Ve Enerji Bölümü, 2016 - 2017

Director of Vocational School, Cukurova University, İmamoğlu Myo, 2014 - 2017

Deputy Head of Department, Cukurova University, Fizik, 2010 - 2013

Advising Theses

- ÇABUK S., Bazı B12 - ve B13 - Tabanlı Bileşiklerin Mekanik, Dinamik ve Optik Özelliklerinin İncelenmesi: Ab İnitio Hesabı, Doctorate, M.ÖZCAN(Student), Continues
- ÇABUK S., LnScO3 (Ln = La, Pr, Nd, Sm, Eu, Tb) Bileşiklerinin Elektronik, Mekanik, Dinamik ve Optik Özelliklerinin İncelenmesi: Ab İnitio Hesabı, Doctorate, F.Hayal(Student), Continues
- ÇABUK S., LiTaO3 Kristalinin Yapısal, Elektronik ve Dinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi., Post Graduate, F.Toksoy(Student), 2019
- ÇABUK S., SnS, SnSe ve GeS Bileşiklerinin Lineer ve Lineer Olmayan Optik Özelliklerinin İncelenmesi., Post Graduate, İ.OĞUZHAN(Student), 2017
- ÇABUK S., SbXI (X=S, Se,Te) BİLEŞİKLERİNİN YAPISAL, DİNAMİK VE TERMODİNAMİK ÖZELLİKLERİNİN Ab İNİTİO YÖNTEMİYLE İNCELENMESİ, Doctorate, T.Özer(Student), 2016
- ÇABUK S., BiXO3 (X=Al, Co, Cr, Sc, Y) Bileşiklerinin Yapısal, Elektronik, Dinamik ve Termodinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, Doctorate, U.Köroğlu(Student), 2013
- ÇABUK S., ABO3 (A=Ag, Na; B=Nb, Ta) Tipi Kristallerin Dinamik Özelliklerinin Ab İnitio Yöntemiyle İncelenmesi, Doctorate, Ş.Şimşek(Student), 2012
- ÇABUK S., MnS Bileşiğinin yapısal, Elektronik ve Dinamik Özelliklerinin Ab ? İnitio Yöntemiyle İncelenmesi, Post Graduate, O.Kavcı(Student), 2012
- ÇABUK S., SrTiO3 ve SrZrO3 Kristallerinin Elektronik Band Yapısı ve Optik Özelliklerinin İncelenmesi, Post Graduate, G.Çelik(Student), 2010
- ÇABUK S., NaTaO3 Kristalinin Elektronik ve Lineer Optik Özelliklerinin İncelenmesi, Post Graduate, E.Ece(Student), 2009
- ÇABUK S., AgNbO3 ve AgTaO3 Kristallerinin Elektronik Band Yapısı ve Optik Özelliklerinin İncelenmesi, Post Graduate, Ş.Şimşek(Student), 2008
- ÇABUK S., Ferroelektrik Ortamlarda Dipol Etkileşimlerinin Faz Dönüşümüne Etkisi, Post Graduate, Ö.Yavuz(Student), 2004

Jury Memberships

- Appointment Academic Staff, Prof. Atama, Aksaray Üniversitesi, September, 2015
- Appointment Academic Staff, Prof. Atanma , Harran Üniversitesi, August, 2015
- Appointment Academic Staff, Yrd. Doç. Atama, Adana Bilim ve Teknoloji Üniversitesi, April, 2013

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

- I. **Magnetic, electronic and mechanical properties of SeXO3 (X = Mn, Ni) with the LSDA plus U framework**
ÇABUK S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.850, 2021 (Journal Indexed in SCI)
- II. **Mechanical, electronic and optical properties of SeZnO3: a GGA+U study**
ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.100, no.5, pp.601-618, 2019 (Journal Indexed in SCI)
- III. **Investigation of structural and mechanical properties of rutile SnO2**
Ozer T., ÇABUK S.
MATERIALS RESEARCH EXPRESS, vol.6, no.8, 2019 (Journal Indexed in SCI)
- IV. **The influence of nitrogen pressure on formation of niobium nitride by thermal processing**
Farha A. H. , Ozkendir O. M. , Elsayed-Ali H. E. , ÇABUK S., UFUKTEPE Y.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.746, pp.370-376, 2018 (Journal Indexed in SCI)

- V. **First-principles study of the structural, elastic and electronic properties of SbXI (X=S, Se, Te) crystals**
Özer T., ÇABUK S.
JOURNAL OF MOLECULAR MODELING, vol.24, no.3, 2018 (Journal Indexed in SCI)
- VI. **DFT - based study of electronic structures and mechanical properties of LiTaO₃ : ferroelectric and paraelectric phases**
Toksoy F., ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.97, no.28, pp.2469-2483, 2017 (Journal Indexed in SCI)
- VII. **Ab initio study of the linear and nonlinear optical responses in BiAlO₃**
ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.96, pp.190-207, 2016 (Journal Indexed in SCI)
- VIII. **Physical and electronic properties of electrodeposited ZnO thin films: dependence on thickness**
Kıdır N., Ozkendir O. M. , Farha A. H. , Kırmızıgül F., TÜKEN T., GÜMÜŞ C., ÇABUK S., ERBİL M., UFUKTEPE Y.
INDIAN JOURNAL OF PHYSICS, vol.89, no.10, pp.1013-1023, 2015 (Journal Indexed in SCI)
- IX. **First-principles study of structural stability, elastic and dynamical properties of MnS**
Kavcı O., ÇABUK S.
COMPUTATIONAL MATERIALS SCIENCE, vol.95, pp.99-105, 2014 (Journal Indexed in SCI)
- X. **First-principles study of structural, elastic, electronic and vibrational properties of BiCoO₃**
Köroğlu U., ÇABUK S., Deligoz E.
SOLID STATE SCIENCES, vol.34, pp.1-7, 2014 (Journal Indexed in SCI)
- XI. **Structural, electronic, elastic and vibrational properties of BiAlO₃: A first principles study**
Köroğlu U., ÇABUK S., Deligoz E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.574, pp.520-525, 2013 (Journal Indexed in SCI)
- XII. **First-principles study of electronic structure and optical properties of Sr(Ti,Zr)O-3**
Celik G., ÇABUK S.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.11, no.3, pp.387-393, 2013 (Journal Indexed in SCI)
- XIII. **The nonlinear optical susceptibility and electro-optic tensor of ferroelectrics: first-principle study**
Cabuk S.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.10, pp.239-252, 2012 (Journal Indexed in SCI)
- XIV. **FIRST-PRINCIPLES STUDY OF THE ELECTRONIC, LINEAR, AND NONLINEAR OPTICAL PROPERTIES OF Li(Nb, Ta)O-3**
Cabuk S.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.24, no.32, pp.6277-6290, 2010 (Journal Indexed in SCI)
- XV. **First-principles calculation of the linear and nonlinear optical properties of LiTaO₃**
ÇABUK S., Şimşek S.
PHYSICA SCRIPTA, vol.81, no.5, 2010 (Journal Indexed in SCI)
- XVI. **Ab initio volume-dependent elastic and lattice dynamics properties of KTaO₃**
Cabuk S.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, vol.247, no.1, pp.93-97, 2010 (Journal Indexed in SCI)
- XVII. **Ab initio study of the structural, electronic and optical properties of NaTaO₃**
Eyi E. E. , ÇABUK S.
PHILOSOPHICAL MAGAZINE, vol.90, no.21, pp.2965-2976, 2010 (Journal Indexed in SCI)
- XVIII. **Non-linear optical susceptibilities and electro-optic tensor of some ferroelectrics: first principle study**
Cabuk S.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.11, no.3, pp.280-288, 2009 (Journal Indexed in SCI)
- XIX. **First-principles studies of the electronic structure and optical properties of AgBO₃ (B=Nb,Ta) in the paraelectric phase**
ÇABUK S., Şimşek S.

- CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.6, no.3, pp.730-736, 2008 (Journal Indexed in SCI)
- XX. **Electronic and optical properties of KTaO₃: Ab initio calculation**
Cabuk S., Akkuş H., Mamedov A. M.
PHYSICA B-CONDENSED MATTER, vol.394, no.1, pp.81-85, 2007 (Journal Indexed in SCI)
- XXI. **Electronic structure and optical properties of KNbO₃: First principles study**
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OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.1, no.3, pp.100-107, 2007
(Journal Indexed in SCI)
- XXII. **Argand diagram and oscillation description of electron state in ferroelastic crystals**
Cabuk S., Mamedov A. M.
FERROELECTRICS, vol.307, pp.19-23, 2004 (Journal Indexed in SCI)
- XXIII. **Electret states in some electrooptical materials**
Cabuk S., Mamedov A. M.
FERROELECTRICS, vol.296, pp.117-125, 2003 (Journal Indexed in SCI)
- XXIV. **Urbach rule and optical properties of the LiNbO₃ and LiTaO₃**
Cabuk S., Mamedov A. M.
JOURNAL OF OPTICS A-PURE AND APPLIED OPTICS, vol.1, no.3, pp.424-427, 1999 (Journal Indexed in SCI)
- XXV. **The energy loss spectroscopy of ABO(3) ferroelectrics**
Mamedov A. M. , G ng r S., Cabuk S.
JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol.79, pp.75-78, 1996 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Ab initio study of the lattice dynamical and thermodynamic properties of SbXI (X = S, Se, Te) compounds**
 zer T., Cabuk S.
COMPUTATIONAL CONDENSED MATTER, vol.16, 2018 (Journal Indexed in ESCI)
- II. **Ti₃Al Yapısal ve Elastik  zelliklerinin Teorik Arařtırılması**
 zer T., Karatařlı M.,  ABUK S.
gazi journal of engineering science, vol.4, no.1, pp.46-49, 2018 (National Refreed University Journal)
- III. **A Theoretical Study on Structural and Elastic Properties of Ti₃Al**
 ZER T., KARATAŐLI M.,  ABUK S.
Gazi Journal of Engineering Sciences, vol.4, no.1, pp.46-49, 2018 (Refereed Journals of Other Institutions)
- IV. **Investigation of Mechanical Properties of SnO₂ Crystals in CaCl₂ Type Structure**
 ZER T.,  ABUK S., KARATAŐLI M.
Afyon Kocatepe University Journal of Sciences and Engineering, vol.17, pp.399-405, 2017 (Other Refereed National Journals)
- V. **CaCl₂ Fazda SnO₂ Kristalinin Mekanik  zelliklerinin Arařtırılması**
 ZER T.,  ABUK S., karatařlı M.
AKU J. Sci.Eng., 2017 (Other Refereed National Journals)
- VI. **Afyon Kocatepe University Journal of Sciences and Engineering**
 zer T.,  ABUK S., Karatařlı M.
aku j. sci. eng., vol.17, pp.399-405, 2017 (National Refreed University Journal)
- VII. **Basın  altında alfa-PbO₂ fazındaki SnO₂'nin yapısal ve mekanik  zelliklerinin arařtırılması**
 zer T., Karatařlı M.,  ABUK S.
Sakarya University Journal Of Science, vol.21, pp.411-419, 2017 (National Refreed University Journal)
- VIII. **Basın  altında   -PbO₂ fazındaki SnO₂'nin yapısal ve dinamik  zelliklerinin arařtırılması**
 ZER T., Karatařlı M.,  ABUK S.
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- IX. **Ferroelektrik Ve Paraelektrik Fazdaki SSBI Elektronik ve Mekanik Özelliklerinin Ab İnitio Hesabı**
Özer T., ÇABUK S.
Journal of Science And Engineering, vol.34, no.1, pp.78-88, 2016 (National Non-Refereed Journal)
- X. **Ferroelektrik ve Paraelektrik Fazdaki Sbsi Elektronik ve Mekanik Özelliklerinin Ab İnitio Hesabı**
ÖZER T., ÇABUK S.
Ç. Ü. Fen ve Mühendislik Dergisi, vol.34, no.1, pp.78-88, 2016 (Other Refereed National Journals)
- XI. **Linear and nonlinear optical susceptibilities in some ferroelectrics: Ab-initio calculation**
Akkuş H., ÇABUK S., Mamedov A. M.
Int. J. Nanoelectronics and Materials, vol.3, pp.37-51, 2010 (Refereed Journals of Other Institutions)
- XII. **Stimulated Polarization in LiNbO₃ and Ba₂Nb₅O₁₅ Crystals**
ÇABUK S., Mamedov A. M.
Turkish J. Of Physics, vol.26, pp.19-24, 2002 (Refereed Journals of Other Institutions)
- XIII. **SnO₂/Cu₂O and ZnO/Cu₂O Thin Film Solar Cells**
Gümüş C., ÇABUK S., Engin R.
Marmara Üniversitesi Fen Bilimler Dergisi, vol.15, pp.23-32, 1999 (National Refreed University Journal)
- XIV. **A Study of the LiNbO₃ and LiTaO₃ Absorption Edge**
ÇABUK S., Mamedov A. M.
Turkish J. Of Physics, vol.22, pp.41-45, 1998 (Refereed Journals of Other Institutions)
- XV. **The Energy Loss Spectrum in Oxygen-Octahedron Ferroelectric**
Mamedov A. M. , Güngör S., ÇABUK S.
Turkish J. Of Physics, vol.19, pp.766-772, 1995 (Refereed Journals of Other Institutions)
- XVI. **Thin Film SnO₂/Cu₂O Solar Cells**
ÇABUK S., Engin R.
Ç. Ü. Fen ve Mühendislik Bilimler Dergisi, vol.5, no.3, pp.77-82, 1991 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A GGA+U Study of Electronic and Mechanical Properties of SeZnO₃**
ÇABUK S.
Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.259
- II. **Electronic, Magnetic and Elastic Properties of SeNiO₃: LSDA+U Calculation**
ÇABUK S.
:Turkish Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.471
- III. **A Theoretical Study on Structural and Elastic Properties of Ti₃Al**
ÖZER T., KARATAŞLI M., ÇABUK S.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.740-742
- IV. **Ab Initio Study Of Structure And Elastic Properties Of Ab YAl And YAl₂**
Özer T., Karataşlı M., ÇABUK S.
International Conference On Material Science And Technology, Nevşehir, Turkey, 11 - 13 September 2017, pp.297
- V. **Ab Initio Study Of Structure And Elastic Properties Of Yal And YAl₂**
ÖZER T., karataşlı M., ÇABUK S.
International Conference On MaterialScience And Technology, 11 - 13 September 2017
- VI. **The First-principles Investigation Of The Structural And Mechanical Properties Of Alpha - Rhombohedral Boron (Alfa - B₁₂) Under Pressure**
Özcan M., ÇABUK S.
Turkish Physical Society 33rd International PhysicalCongress, 6 - 10 September 2017
- VII. **Principles Calculations On The Mechanical Properties Of LnScO₃ (Ln = Sm, Nd, Tb, Eu, Pr) Compounds**
Fehime Hayal G., ÇABUK S.

Physical 33rd International Physical Congress, 6 - 10 September 2017

VIII. **Electronic Properties Of Some Rare-earth Scandates : Ab -Initio Study**

Fehime Hayal G., ÇABUK S.

Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017

IX. **Investigation of Structural and Dynamic Properties in alfa PbO₂ Phase of SnO₂ Under Pressure**

ÖZER T., ÇABUK S., KARATAŞLI M.

Turkish Physical Society 32 nd International Physics Congress, Bodrum, Turkey, 6 - 09 September 2016

X. **Investigation of mechanical properties of SnO₂ crystals in CaCl₂ type structure**

Özer T., ÇABUK S., Karataşlı M.

2nd international Congress on the World of Technology and Advanced Materials, Kırşehir, Turkey, 28 September - 02 October 2016, pp.11

XI. **Investigation of structural and dynamic properties in α -PbO₂ phase of SnO₂ under pressure**

Özer T., ÇABUK S., Karataşlı M.

Turkish Physics Society 32nd International Congress, Muğla, Turkey, 6 - 09 September 2016, pp.386

XII. **PHYSICAL PROPERTIES OF LiTaO₃ FERROELECTRIC AND PARAELECTRIC PHASES**

TOKSOY F., ÇABUK S.

9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 August 2015

XIII. **INVESTIGATION OF MECHANICAL PROPERTIES OF Sb₂S₃ Se Te I CRYSTALS IN PARAELECTRIC PHASE**

ÖZER T., ÇABUK S., KARATAŞLI M.

9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 August 2015

XIV. **LATTICE DYNAMICS OF SbTeI CRYSTAL**

ÖZER T., ÇABUK S., KARATAŞLI M.

9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 August 2015

XV. **First-Principles calculation of electronic and optical properties of SbTeI**

ÇABUK S., Özer T.

Turkish Physical Society 31ST International Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.140

XVI. **Ab Initio of elastic properties and anisotropy of SbTeI**

ÇABUK S., Özer T.

Turkish Physical Society 31ST International Physical Congress, Muğla, Turkey, 21 - 24 July 2014, pp.141

XVII. **Ferroelektrik SbSI kristalinin Yapısal, Elektronik ve Dinamik Özelliklerinin İncelenmesi: Ab İnitio hesabı**

Özer T., ÇABUK S.

Turkish Physical Society 30th International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.177

XVIII. **SbSeI Kristalinin Yapısal, Elektronik ve Elastik Özelliklerinin İncelenmesi**

Özer T., ÇABUK S.

Turkish Physical Society 30th International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.176

XIX. **Paraelektrik SbSI Kristallerinin Yapısal, Elektronik, Elastik ve Titreşim Özelliklerinin İncelenmesi.**

Özer T., ÇABUK S.

Turkish Physical Society 30th International Physical Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.175

XX. **BiAlO₃ Kristallerinin Yapısal, Elektronik ve Elastik Özelliklerinin İncelenmesi**

Köroğlu U., ÇABUK S., Deligöz E.

29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.209

XXI. **BiCoO₃ Kristallerinin yapısal, elektronik ve elastik özelliklerinin incelenmesi**

Köroğlu U., ÇABUK S., Deligöz E.

Yoğun Madde Fiziği ? İzmir Toplantısı, İzmir, Turkey, 06 April 2012, pp.20

XXII. **Alfa-MnS'nin yapısal, elektronik ve dinamik özelliklerinin ab initio yöntemiyle incelenmesi**

Kavcı O., ÇABUK S.

Yoğun Madde Fiziği ? İzmir Toplantısı, İzmir, Turkey, 06 April 2012, pp.76

XXIII. **Oda sıcaklığında AgTaO₃ kristalinin elektronik ve dinamik özelliklerinin incelenmesi: Ab initio hesabı**

ÇABUK S., Şimşek Ş.

18. Yoğun Madde Fiziği ? Ankara Toplantısı, Ankara, Turkey, 25 November 2011, pp.10

- XXIV. **Electronic, Linear and Nonlinear Optical Properties of LiTaO₃ : First-Principles Calculations**
Şimşek Ş., ÇABUK S.
2nd International Meeting on Materials for Electronic Applications, IMMEA-2009, Hammamet, Tunisia, 8 - 10 May 2009, pp.2
- XXV. **Linear and Nonlinear Susceptibilities in Some Ferroelectrics: Ab initio Calculation**
Akkuş H., ÇABUK S., Mamedov A. M.
IMMEA 2009, Hammamet, Tunisia, 8 - 10 May 2009, pp.19
- XXVI. **Paralelektrik fazdaki AgTaO₃ kristalinin elektronik ve optik özelliklerinin incelenmesi: Ab initio hesabı**
Şimşek Ş., ÇABUK S.
14. Yoğun Madde Fiziği ? Ankara Toplantısı, Ankara, Turkey, 02 November 2007, pp.14
- XXVII. **Nonlinear and Electro-optical Properties of Some Ferroelectrics**
ÇABUK S., Mamedov A. M.
Fotonik 2007, Ankara, Turkey, 28 September 2007, pp.12
- XXVIII. **İlk Prensipl Yöntemiyle AgNbO₃ Kristalinin Elektronik ve Optik Özelliklerinin İncelenmesi**
Şimşek Ş., ÇABUK S.
24th International Physics Congress, Malatya, Turkey, 28 - 31 July 2007, pp.139
- XXIX. **Paralelektrik fazdaki NaNbO₃ kristalinin elektronik ve optik özelliklerinin incelenmesi**
ÇABUK S.
13. Yoğun Madde Fiziği - Ankara, Ankara, Turkey, 03 November 2006, pp.113
- XXX. **BaTiO₃ kristalindeki dipol etkileşiminin bilgisayar simülasyonu**
ÇABUK S., Yavuz Ö.
12. Yoğun Madde Fiziği - Ankara Toplantısı, Ankara, Turkey, 18 November 2005, pp.17
- XXXI. **Computer Simulation of Ferroelectric Properties of BaTiO₃**
ÇABUK S.
Türk Fizik Derneği 23. Fizik Kongresi, Muğla, Turkey, 13 September 2005, pp.1319-1322
- XXXII. **Argand Diagram And Oscillation Description Of Electron State In Ferroelastic Crystals**
ÇABUK S., Mamedov A. M.
The Fourth International Seminar On Ferroelastics Physics, Voronezh, Russia, 15 - 18 September 2003, pp.32
- XXXIII. **Optoelectronic Implementation of Multilayer Neural Networks in a Single Photorefractive Crystals**
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International Conference Piezotechnics-99, Rostov-Don, Russia, 8 - 11 August 1999, pp.241
- XXXIV. **Photoferroelectric Based Optical Neural Network**
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Citations

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