

## Prof. AHMET ERDEM

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### International Researcher IDs

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### Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri Anabilim Dalı, Turkey 1992 - 1996

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri Anabilim Dalı, Turkey 1989 - 1992

Undergraduate Double Major, Ege University, Faculty Of Science, Fizik Bölümü, Turkey 1985 - 1989

Undergraduate, Ege University, Faculty Of Science, Astronomi Ve Uzay Bilimleri Bölümü, Turkey 1985 - 1989

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, TV Cas ve XY UMa Örtün Çift Yıldızlarının Işıkolçümü, Ege University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri Anabilim Dalı / Astrofizik Bilim Dalı, 1996

Postgraduate, Güneş Parlamaları, Ege University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri Anabilim Dalı / Astrofizik Bilim Dalı, 1992

### Research Areas

Astronomy and Astrophysics, Stars

### Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2007 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2002 - 2007

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 1996 - 2002

Research Assistant, Ege University, Faculty Of Science, Astronomi Ve Uzay Bilimleri Bölümü, 1990 - 1996

## Academic and Administrative Experience

Vice Rector, Canakkale Onsekiz Mart University, 2015 - 2019

Canakkale Onsekiz Mart University, Fen Fakültesi, 2013 - 2015

Canakkale Onsekiz Mart University, Fen Fakültesi, 2010 - 2013

Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, 2009 - 2010

## Advising Theses

ERDEM A., Bazı CAB Adayı Çift Yıldızların Fotometrik Analizi, Doctorate, D.SÜRGİT(Student), 2010

ERDEM A., Güney Yarımkürede Seçilen Bazı W UMa Türü Çift Yıldızların Tayfsal ve Fotometrik İncelenmesi, Doctorate, B.ÖZKARDEŞ(Student), 2010

ERDEM A., RS CVn Yıldızlarının Genel Özellikleri, Postgraduate, D.SÜRGİT(Student), 2005

ERDEM A., W Ursae Majoris Türünden Güneş Benzeri Örtlen Çift Yıldızlar, Postgraduate, B.ÖZKARDEŞ(Student), 2004

ERDEM A., Örtlen Çift Yıldızlarda Üçüncü Cisim Sorunu ve Dinamiği, Postgraduate, V.BAKIŞ(Student), 2004

ERDEM A., RS CVn Türü Örtlen Çift Yıldız RT Andromedae'nin Yörünge Dönemi Analizi, Postgraduate, M.GÜRE(Student), 2000

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

- I. **First photometric study of three eclipsing binary star systems: V495 Aur, V589 Aur and V478 Cam**  
ÖZTÜRK O., ERDEM A.  
New Astronomy, vol.102, 2023 (SCI-Expanded)
- II. **Apsidal motion and absolute parameters of GV Nor and V881 Sco based on mid-resolution spectroscopy and TESS photometry**  
SÜRGİT D., Zasche P., Hadrava P., ERDEM A., Engelbrecht C. A., Marang F., Mašek M., Stevens D. J.  
Monthly Notices of the Royal Astronomical Society, vol.519, no.3, pp.4699-4715, 2023 (SCI-Expanded)
- III. **First detailed study of two eccentric eclipsing binaries: TYC 5378-1590-1 and TYC 8378-252-1**  
Zasche P., SÜRGİT D., ERDEM A., Engelbrecht C., Marang F.  
Astronomy and Astrophysics, vol.670, 2023 (SCI-Expanded)
- IV. **V410 Puppis: A useful laboratory for early stellar evolution**  
ERDEM A., SÜRGİT D., ÖZKARDEŞ B., Hadrava P., Rhodes M. D., Love T., Blackford M. G., Banks T. S., Budding E.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.515, no.4, pp.6151-6163, 2022 (SCI-Expanded)
- V. **First photometric study of two eclipsing binary star systems: V523 And and V543 And**  
ÖZTÜRK O., Erdem A.  
NEW ASTRONOMY, vol.92, 2022 (SCI-Expanded)
- VI. **The ultra-hot-Jupiter KELT-16 b\*dynamical evolution and atmospheric properties**  
Mancini L., Southworth J., Naponiello L., Baştürk Ö., Barbato D., Biagiotti F., Bruni I., Cabona L., D'ago G., Damasso M., et al.  
Monthly Notices of the Royal Astronomical Society, vol.509, no.1, pp.1447-1464, 2022 (SCI-Expanded)
- VII. **Absolute parameters of young stars: PU Pup**  
ERDEM A., SÜRGİT D., Banks T. S., ÖZKARDEŞ B., Budding E.  
RESEARCH IN ASTRONOMY AND ASTROPHYSICS, vol.21, no.10, 2021 (SCI-Expanded)
- VIII. **Physical parameters of close binary systems: VIII**  
Gazeas K., Zola S., Liakos A., Zakrzewski B., Rucinski S. M., Kreiner J. M., Ogloza W., Drozd M., Koziel-Wierzbowska D., Stachowski G., et al.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.501, no.2, pp.2897-2919, 2021 (SCI-Expanded)
- IX. **New photometric analysis of hot Jupiter: WASP-135b**  
ÖZTÜRK O., ERDEM A.  
NEW ASTRONOMY, vol.82, 2021 (SCI-Expanded)
- X. **Absolute parameters of three southern eclipsing binaries: DQ Car, BK Ind, and V4396 Sgr**

SÜRGİT D., ERDEM A., Engelbrecht C. A., Marang F.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.493, no.2, pp.2659-2675, 2020 (SCI-Expanded)

- XI. **Multiband optical flux density and polarization microvariability study of optically bright blazars**  
Pasierb M., Goyal A., Ostrowski M., Stawarz L., Wiita P. J., Gopal-Krishna G., Larionov V. M., Morozova D. A., Itoh R., ALIÇAVUŞ F., et al.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.492, no.1, pp.1295-1317, 2020 (SCI-Expanded)
- XII. **Absolute parameters of young stars: HX Velorum**  
Blackford M. G., Erdem A., Surgit D., Ozkardes B., Budding E., Butland R., Demircan O.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.487, no.1, pp.161-167, 2019 (SCI-Expanded)
- XIII. **New photometric analysis of five exoplanets: CoRoT-2b, HAT-P-12b, TrES-2b, WASP-12b, and WASP-52b**  
Öztürk O., Erdem A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.486, no.2, pp.2290-2307, 2019 (SCI-Expanded)
- XIV. **SpUpNIC (Spectrograph Upgrade: Newly Improved Cassegrain): a versatile and efficient low- to medium-resolution, long-slit spectrograph on the South African Astronomical Observatory's 1.9-m telescope**  
Crause L. A., Gilbank D., van Gend C., Worters H. L., Sass C., Kotze E. J., Potter S., Sickafoose A., Sefako R., Southworth J., et al.  
JOURNAL OF ASTRONOMICAL TELESCOPES INSTRUMENTS AND SYSTEMS, vol.5, no.2, 2019 (SCI-Expanded)
- XV. **Absolute parameters of young stars: V454 Carinae**  
Butland R. J., Erdem A., Ozkardes B., Blackford M. G., Surgit D., Budding E., Demircan O.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.482, no.2, pp.2644-2652, 2019 (SCI-Expanded)
- XVI. **GD358: Three Decades of Observations for the In-depth Asteroseismology of a DBV Star**  
BISCHOFF-KIM A., Provencal J. L., BRADLEY P. A., MONTGOMERY M. H., Shipman H. L., HARROLD S. T., HOWARD B., STRICKLAND W., CHANDLER D., CAMPBELL D., et al.  
ASTROPHYSICAL JOURNAL, vol.871, no.1, 2019 (SCI-Expanded)
- XVII. **Authenticating the Presence of a Relativistic Massive Black Hole Binary in OJ 287 Using Its General Relativity Centenary Flare: Improved Orbital Parameters**  
Dey L., Valtonen M. J., Gopakumar A., Zola S., Hudec R., Pihajoki P., Ciprini S., Matsumoto K., Sadakane K., Kidger M., et al.  
ASTROPHYSICAL JOURNAL, vol.866, no.1, 2018 (SCI-Expanded)
- XVIII. **Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ287 on Timescales Ranging from Decades to Hours**  
Goyal A., Stawarz L., Zola S., Marchenko V., Soida M., Nilsson K., Ciprini S., Baran A., Ostrowski M., Wiita P. J., et al.  
ASTROPHYSICAL JOURNAL, vol.863, no.2, 2018 (SCI-Expanded)
- XIX. **Photometric investigation of hot exoplanets: TrES-3b and Qatar-1b**  
PÜSKÜLLÜ Ç., SOYDUGAN F., ERDEM A., BUDDING E.  
NEW ASTRONOMY, vol.55, pp.39-47, 2017 (SCI-Expanded)
- XX. **Radio and optical intra-day variability observations of five blazars**  
LIU X., YANG P. P., LIU J., LIU B. R., HU S. M., KURTANIDZE O. M., ZOLA S., KRAUS A., KRICHBAUM T. P., SU R. Z., et al.  
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- XXI. **Absolute parameters of detached binaries in the southern sky - III: HO Tel**  
Surgit D., Erdem A., Engelbrecht C. A., van Heerden H. P., Manick R.  
NEW ASTRONOMY, vol.54, pp.109-114, 2017 (SCI-Expanded)
- XXII. **Absolute parameters of eclipsing binaries in Southern Hemisphere sky - II: QY Tel**  
Erdem A., Surgit D., Engelbrecht C. A., van Heerden H. P., Manick R.  
NEW ASTRONOMY, vol.49, pp.38-42, 2016 (SCI-Expanded)
- XXIII. **Photometric study of two beta Lyr-type binaries: DD Aqr and RR Lep**  
Erdem A., Ozturk O.  
NEW ASTRONOMY, vol.48, pp.33-41, 2016 (SCI-Expanded)
- XXIV. **Photometric analysis of the system Kepler-1**

- BUDDING E., RHODES M. D., PÜSKÜLLÜ Ç., Ji Y., ERDEM A., BANKS T.  
ASTROPHYSICS AND SPACE SCIENCE, vol.361, no.10, 2016 (SCI-Expanded)
- XXV. **Oscillating classical Algol-type binary XZ Aql**  
Soydugan F., Soydugan E., Aliçavuş F., Erdem A.  
NEW ASTRONOMY, vol.46, pp.40-46, 2016 (SCI-Expanded)
- XXVI. **PRIMARY BLACK HOLE SPIN IN OJ 287 AS DETERMINED BY THE GENERAL RELATIVITY CENTENARY FLARE**  
Valtonen M. J., Zola S., Ciprini S., Gopakumar A., Matsumoto K., Sadakane K., Kidger M., Gazeas K., Nilsson K., Berdyugin A., et al.  
ASTROPHYSICAL JOURNAL LETTERS, vol.819, no.2, 2016 (SCI-Expanded)
- XXVII. **Analysis of the exoplanet containing system Kepler-91**  
Budding E., PÜSKÜLLÜ Ç., Rhodes M. D., Demircan O., Erdem A.  
ASTROPHYSICS AND SPACE SCIENCE, vol.361, no.1, 2016 (SCI-Expanded)
- XXVIII. **Absolute Parameters of Detached Binaries in the Southern Sky - I: V349 Ara and V4403 Sgr**  
ERDEM A., SÜRGİT D., ENGELBRECHT C. A., VAN HEERDEN H. P.  
PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF AUSTRALIA, vol.32, 2015 (SCI-Expanded)
- XXIX. **Absolute parameters of southern eclipsing binary: MW Pup**  
SÜRGİT D., ERDEM A., ENGELBRECHT C. A.  
NEW ASTRONOMY, vol.35, pp.32-35, 2015 (SCI-Expanded)
- XXX. **NR Peg: A new highly active semi-detached binary**  
ERDEM A., SÜRGİT D., KURPINSKA-WINIARSKA M., OBLAK E.  
NEW ASTRONOMY, vol.33, pp.38-43, 2014 (SCI-Expanded)
- XXXI. **Non-conservative mass transfers in Algols**  
ERDEM A., ÖZTÜRK O.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.441, no.2, pp.1166-1176, 2014 (SCI-Expanded)
- XXXII. **Neglected reverse Algol system: WZ Hor**  
SÜRGİT D., ERDEM A.  
NEW ASTRONOMY, vol.17, no.3, pp.336-340, 2012 (SCI-Expanded)
- XXXIII. **Early-type W UMa contact binary system: New data on V535 Ara**  
ÖZKARDEŞ B., Erdem A.  
NEW ASTRONOMY, vol.17, no.2, pp.143-148, 2012 (SCI-Expanded)
- XXXIV. **The detached eclipsing binary TX Her revisited**  
Erdem A., Aliçavuş F., Soydugan F., Dogru S. S., Soydugan F., Çiçek C., Demircan O.  
NEW ASTRONOMY, vol.16, no.8, pp.498-502, 2011 (SCI-Expanded)
- XXXV. **Period studies of classical Algol-type binaries II: UX Leo, RW Mon, EQ Ori, XZ UMa and AX Vul**  
Soydugan F., Erdem A., Doğru S. S., Aliçavuş F., Soydugan F., Çiçek C., Demircan O.  
NEW ASTRONOMY, vol.16, pp.253-264, 2011 (SCI-Expanded)
- XXXVI. **The near-contact binary star RZ Dra revisited**  
ERDEM A., ZOLA S., WINIARSKI M.  
NEW ASTRONOMY, vol.16, no.1, pp.6-11, 2011 (SCI-Expanded)
- XXXVII. **Period studies of five neglected Algol-type binaries: RW Cet, BO Gem, DG Lac, SW Oph and WY Per**  
ERDEM A., Dogru S. S., SOYDUGAN F., ÇİÇEK C., Demircan O.  
NEW ASTRONOMY, vol.15, no.7, pp.628-636, 2010 (SCI-Expanded)
- XXXVIII. **The Algol binary system KZ Pavonis revisited**  
SÜRGİT D., ERDEM A., BUDDING E.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.407, no.1, pp.497-506, 2010 (SCI-Expanded)
- XXXIX. **Absolute parameters of young stars - II. V831 Centauri**  
BUDDING E., ERDEM A., Inlek G., DEMİRCAN O.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.403, no.3, pp.1448-1456, 2010 (SCI-Expanded)
- XL. **Absolute parameters of the newly-identified contact binary star IS Canis Major**  
ÖZKARDEŞ B., ERDEM A.

NEW ASTRONOMY, vol.15, no.2, pp.247-253, 2010 (SCI-Expanded)

- XLII. **The CCD photometric study of the newly identified RS CVn binary star V1034 Hercules**  
Dogru D., ERDEM A., DOGRU S. S.  
NEW ASTRONOMY, vol.14, no.8, pp.711-715, 2009 (SCI-Expanded)
- XLIII. **The 2006/2007 photometric activity of three chromospherically active stars: V2075 Cyg, FG UMa and BM CVn**  
Erdem A., Budding E., Soydugan F., Bakis H., Dogru D., Doğru S. S., Tüysüz M., Kacar Y., Dönmez A., Soydugan F.  
NEW ASTRONOMY, vol.14, no.6, pp.545-555, 2009 (SCI-Expanded)
- XLIV. **The chromospherically active binary CF Tuc revisited**  
Dogru D., ERDEM A., DOĞRU S. S., ZOLA S.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.397, no.3, pp.1647-1660, 2009 (SCI-Expanded)
- XLV. **A W UMa type system from Southern Hemisphere: CN Hydri**  
ÖZKARDEŞ B., ERDEM A., BAKIS V.  
NEW ASTRONOMY, vol.14, no.5, pp.461-466, 2009 (SCI-Expanded)
- XLVI. **Recent observations of AB Dor and interpretation**  
BUDDING E., ERDEM A., INNIS J. L., OLAH K., SLEE O. B.  
ASTRONOMISCHE NACHRICHTEN, vol.330, no.4, pp.358-365, 2009 (SCI-Expanded)
- XLVII. **Photometric analysis of the contact binary star V842 Hercules on the basis of seasonal light curves**  
ERDEM A., ÖZKARDEŞ B.  
NEW ASTRONOMY, vol.14, no.3, pp.321-329, 2009 (SCI-Expanded)
- XLVIII. **Photometry of three chromospherically active stars: V340 Gem, SAO 62042 and FI Cnc**  
Erdem A., Budding E., Soydugan F., Soydugan F., Doğru S. S., Dogru D., Tüysüz M., Dönmez A., Bakis H., Kacar Y., et al.  
NEW ASTRONOMY, vol.14, no.2, pp.109-120, 2009 (SCI-Expanded)
- XLIX. **Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006-2007**  
LARIONOV V. M., JORSTAD S. G., Marscher A. P., RAITERI C. M., VILLATA M., AGUDO I., ALLER M. F., ARKHAROV A. A., ASFANDIYAROV I. M., BACH U., et al.  
ASTRONOMY & ASTROPHYSICS, vol.492, no.2, pp.389-400, 2008 (SCI-Expanded)
- L. **A catalogue of chromospherically active binary stars (third edition)**  
Eker Z., Filiz Ak N., Bilir S., Dogru D., Tüysüz M., Soydugan F., Bakış H., Uğraş B., Soydugan F., Erdem A., et al.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.389, no.4, pp.1722-1726, 2008 (SCI-Expanded)
- L. **First period analyses of five neglected Algol-type eclipsing binaries: TT And, V342 Aql, RW Cap, BZ Cas and TW Lac**  
Erdem A., Soydugan F., Dogru S. S., Özkardes B., Dogru D., Tüysüz M., Demircan O.  
NEW ASTRONOMY, vol.12, no.8, pp.613-621, 2007 (SCI-Expanded)
- LI. **Orbital period variations of four Algol-type eclipsing binaries: SW Cyg, UU Leo, XX Cep and BO Vul**  
Erdem A., Dogru S. S., BAKIS V., Demircan O.  
ASTRONOMISCHE NACHRICHTEN, vol.328, no.6, pp.543-550, 2007 (SCI-Expanded)
- LII. **The first BVR light curves and period analysis of the eclipsing binary V821 Cas**  
Degirmenci O. L., Bozkurt Z., Yakut K., Demircan O., Erdem A., ÇİÇEK C., Bulut I., SOYDUGAN F., SOYDUGAN F., ESENOĞLU H. H.  
NEW ASTRONOMY, vol.12, no.4, pp.322-326, 2007 (SCI-Expanded)
- LIII. **Photometric analysis of the contact binary star V829 Hercules using light curves on three consecutive years**  
Erdem A., Ozkardes B.  
NEW ASTRONOMY, vol.12, no.3, pp.192-200, 2006 (SCI-Expanded)
- LIV. **Analysis of delta Librae including Hipparcos astrometry**  
BAKIS V., BUDDING E., Erdem A., BAKIS H., Demircan O., HADRAVA P.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.370, no.4, pp.1935-1945, 2006 (SCI-Expanded)
- LV. **First ground-based photometry and light-curve analysis of the eccentric eclipsing binary V744 Cas**  
Bulut I., ÇİÇEK C., Erdem A., BAKIS V., Demircan O., DEGIRMENCI O. L.

- ASTRONOMISCHE NACHRICHTEN, vol.327, no.9, pp.912-916, 2006 (SCI-Expanded)
- LVI. **Photometric study of the active binary star V1430 Aquilae**  
ERDEM A., Surgit D.  
ASTRONOMISCHE NACHRICHTEN, vol.327, no.4, pp.335-339, 2006 (SCI-Expanded)
- LVII. **Photometric study of the binary system V397 cephei**  
Bulut I., Demircan O., Budding E., Erdem A., ÇIÇEK C., ESENOĞLU H. H., SOYDUGAN F., SOYDUGAN F., Değirmenci Ö.  
L., Bozkurt Z., et al.  
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- LVIII. **The close binary system EG cephei**  
Erdem A., BUDDING E., Demircan O., DEGIRMENCI O., GULMEN O., SEZER C.  
ASTRONOMISCHE NACHRICHTEN, vol.326, no.5, pp.332-337, 2005 (SCI-Expanded)
- LIX. **A near-contact binary: CN Andromedae**  
ÇIÇEK C., Erdem A., SOYDUGAN F.  
ASTRONOMISCHE NACHRICHTEN, vol.326, no.2, pp.127-133, 2005 (SCI-Expanded)
- LX. **A new photometric study of CW Cephei and its apsidal motion**  
Erdem A., SOYDUGAN F., SOYDUGAN F., Özdemir S., ÇIÇEK C., Bulut I., Demircan O., Budding E.  
ASTRONOMISCHE NACHRICHTEN, vol.325, no.4, pp.336-342, 2004 (SCI-Expanded)
- LXI. **Photometric solution of the eclipsing binary system EF Bootis**  
OZDEMIR S., Demircan O., ÇIÇEK C., Erdem A.  
ASTRONOMISCHE NACHRICHTEN, vol.325, no.4, pp.332-335, 2004 (SCI-Expanded)
- LXII. **A photometric study of the recently discovered eclipsing binary V899 Herculis**  
Özdemir S., Demircan O., Erdem A., Çiçek C., Bulut İ., SOYDUGAN F., SOYDUGAN F.  
ASTRONOMY & ASTROPHYSICS, vol.387, no.1, pp.240-243, 2002 (SCI-Expanded)
- LXIII. **Third body problem in the eclipsing binary star TV Cassiopeia**  
Erdem A.  
CELESTIAL MECHANICS & DYNAMICAL ASTRONOMY, vol.82, no.2, pp.133-141, 2002 (SCI-Expanded)
- LXIV. **The light and period changes of RT Andromedae**  
Erdem A., Demircan O., Gure M.  
ASTRONOMY & ASTROPHYSICS, vol.379, no.3, pp.878-883, 2001 (SCI-Expanded)
- LXV. **A photometric study of the near contact binary star GK Cep**  
Erdem A.  
ASTRONOMISCHE NACHRICHTEN, vol.322, no.4, pp.233-239, 2001 (SCI-Expanded)
- LXVI. **Photometric analysis of the eclipsing binary star AI Draconis**  
DEGIRMENCI O., GULMEN O., SEZER C., Erdem A., DEVLLEN A.  
ASTRONOMY & ASTROPHYSICS, vol.363, no.1, pp.244-252, 2000 (SCI-Expanded)
- LXVII. **The early type contact binary system V 382 Cygni**  
DEGIRMENCI O., SEZER C., Demircan O., Erdem A., OZDEMIR S., AK H., ALBAYRAK B.  
ASTRONOMY & ASTROPHYSICS SUPPLEMENT SERIES, vol.134, no.2, pp.327-331, 1999 (SCI-Expanded)
- LXVIII. **The orbital period study and photometric analysis of XY Ursae Majoris**  
Erdem A., GUDUR N.  
ASTRONOMY & ASTROPHYSICS SUPPLEMENT SERIES, vol.127, no.2, pp.257-267, 1998 (SCI-Expanded)
- LXIX. **A model of the early type binary system BF Aurigae**  
Demircan O., OZDEMIR S., ALBAYRAK B., AK H., TANRIVER M., DEGIRMENCI O., Erdem A., SEZER C.  
REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, vol.33, no.2, pp.131-135, 1997 (SCI-Expanded)
- LXX. **Photometric analysis of the eclipsing binary V1425 Cygni**  
DEGIRMENCI O., GULMEN O., SEZER C., GUDUR N., Erdem A.  
ASTROPHYSICS AND SPACE SCIENCE, vol.241, no.2, pp.327-332, 1996 (SCI-Expanded)

## Articles Published in Other Journals

- I. **PHOTOMETRIC AND SPECTROSCOPIC STUDY OF PU PUP**  
Budding E., Erdem A., Sürgit D., Özkardeş B., Demircan O.  
Journal on Occultation and Eclipse (JOE), pp.40-45, 2019 (Peer-Reviewed Journal)
- II. **Polarization and Spectral Energy Distribution in OJ 287 during the 2016/17 Outbursts**  
Valtonen M., Zola S., Jermak H., Ciprini S., Hudec R., Dey L., Gopakumar A., Reichart D. L., Caton D. B., Gazeas K., et al.  
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