

AZƏRBAYCAN MİLLİ ELMLƏR AKADEMİYASI

AZƏRBAYCAN
ASTRONOMİYA
JURNALI

2021, Cild 16, № 2

AZERBAIJAN NATIONAL ACADEMY OF SCIENCES

ASTRONOMICAL
JOURNAL OF
AZERBAIJAN

2021, Vol. 16, № 2

Bakı-2021 / Baku-2021

ASTRONOMICAL JOURNAL OF AZERBAIJAN

Founded in 2006 by the Azerbaijan National Academy of Sciences (ANAS)

Published in the Shamakhy Astrophysical Observatory (ShAO) named after
N. Tusi, ANAS

ISSN: 2078-4163 (Print), 2078-4171 (Online)

Editorial board

| | |
|----------------------------|--|
| Editor-in-Chief: | Dzhalilov N.S. |
| Associate Editor-in-Chief: | Ismailov N.Z. |
| Secretary: | Adigozalzade H.N. <i>Shamakhy Astrophysical Observatory, ANAS</i> |
| | Guliyev A.S. <i>Shamakhy Astrophysical Observatory, ANAS</i> |
| | Babayev E.S. <i>Baku State University</i> |
| | Atai A.A. <i>Shamakhy Astrophysical Observatory, ANAS</i> |
| | Huseynov N.A. <i>Shamakhy Astrophysical Observatory, ANAS</i> |
| | Huseynov V.A. <i>Shamakhy Astrophysical Observatory, ANAS</i> |
| | Rustamov C.N. <i>Shamakhy Astrophysical Observatory, ANAS</i> |
| Technical Editors: | Tagiyeva J.J. , Salehli O.M. |
| Editorial Office address: | ANAS, 30, Istiglaliyyat Street, Baku, AZ-1001, the Republic of Azerbaijan |
| Address for letters: | ShAO, P.O.Box №153, Central Post Office, Baku, AZ-1000, Azerbaijan |
| E-mail: | azaj@shao.science.az |
| Phone: | (+994 12) 510 82 91 |
| Fax: | (+994 12) 497 52 68 |
| Online version: | http://www.aaj.shao.az |

2021, Vol. 16, № 2

Contents

| | |
|---|----|
| THE SPECTRAL ENERGY DISTRIBUTION OF STARS ON THE BROADBAND PHOTOMETRY <i>N. Z. Ismailov, A. F. Kholtygin, I. I. Romanyuk, M. A. Pogodin</i> | 5 |
| DETERMINATION OF THE FUNDAMENTAL PARAMETERS OF THE GIANT CLASSES F AND G HR8718 (F5II), HR8304(G8II), HR8179(G5II),HR8778 (G8IV) <i>Z. A. Samedov, U. R. Rustem, G. M. Hajiyeva</i> | 17 |
| VARIABILITY OF REEMISSION SPECTRAL LINES IN THE SPECTRUM HD 17921 <i>H. N. Adigozalzade, U. Z. Bashirova, N. Z. Ismailov</i> | 26 |
| 750-DAYS VARIABILITY OF THE CH CYG <i>R. T. Mammadov, Kh. M. Mikailov, I. A. Alakbarov</i> | 37 |
| SPECTRAL VARIABILITY OF THE SUPERGIANT HD 187982 <i>A. B. Hasanova, A. Sh. Baloglanov, N. Z. Ismailov</i> | 44 |
| ON PARTICULAR SOLUTIONS OF MHD EQUATIONS FOR A SINGLE-FLUID COLLISIONLESS PLASMA OF ANISOTROPIC SOLAR WIND <i>M. M. Bashirov</i> | 52 |

**ATMOSPHERIC PARAMETERS AND EVOLUTIONARY
STATUS MAGNETIC CP STARS 21 COM FROM THE OLD
COMAE BERENICES CLUSTER**

S. G. Aliev, Z. M. Alishova

62

ECLIPSING EVENT IN BINARY CTTS TYPE STAR AS 205N

N. Z. Ismailov, U. S. Valiyev

70

**HD207260 (A2 Iae) STAR ATMOSPHERE: FUNDAMENTAL
PARAMETERS, ABUNDANCE OF ELEMENTS**

Z. A. Samedov, G. M. Hajiyeva, A. M. Khalilov,

S. Sh. Rajabova, N. H. Samedova

80