

Veröffentlichungen unserer Mitglieder ohne BAV Mitteilungen-Nummer

Andreas Barchfeld

Titel: New magnetic chemically peculiar stars and candidates in the ATLAS first catalogue of variable stars

Autoren: Bernhard, K., Hümmelich, S., Paunzen, E., and Supíková, J.

URL: <https://ui.adsabs.harvard.edu/abs/2021MNRAS.506.4561B>

arXiv:2107.07990

Monthly Notices of the Royal Astronomical Society, Volume 506, Issue 3, pp.4561-4577

09/2021

Titel: A case study of ACV variables discovered in the Zwicky Transient Facility survey

Autoren: Faltová, N., Kallová, K., Prišegen, M., Staněk, P., Supíková, J., Xia, C., Bernhard, K., Hümmelich, S., and Paunzen, E.

URL: <https://ui.adsabs.harvard.edu/abs/2021arXiv210811411F>

arXiv:2108.11411

08/2021

Titel: The 2019 outburst of the 2005 classical nova V1047 Cen: a record breaking dwarf nova outburst or a new phenomenon?

Autoren: Aydi, E., Sokolovsky, K. V., Bright, J. S., Tremou, E., Nyamai, Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021arXiv210807868A>

arXiv:2108.07868

08/2021

Titel: The GALAH survey and symbiotic stars - I. Discovery and follow-up of 33 candidate accreting-only systems

Autoren: Munari, U., Traven, G., Masetti, N., Valisa, P., Righetti, G.-L., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021MNRAS.505.6121M>

arXiv:2104.02686

Monthly Notices of the Royal Astronomical Society, Volume 505, Issue 4, pp.6121-6154

08/2021

Titel: A search for transiting companions in the J1407 (V1400 Cen) system

Autoren: Barmantloo, S., Dik, C., Kenworthy, M. A., Mamajek, E. E., Hamsch, F.-J., Reichart, D. E., Rodriguez, J. E., and van Dam, D. M.

URL: <https://ui.adsabs.harvard.edu/abs/2021A&A...652A.117B>

arXiv:2106.15902

Astronomy & Astrophysics, Volume 652, id.A117, 8 pp.

08/2021

Titel: Optical Variability Correlated with X-ray Spectral Transition in the Black-Hole Transient ASASSN-18ey = MAXI J1820+070

Autoren: Nijijima, K., Kimura, M., Wakamatsu, Y., Kato, T., Nogami, D., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021arXiv210703681N>

arXiv:2107.03681

07/2021

Titel: On the nature of the anomalous event in 2021 in the dwarf nova SS Cygni and its multi-wavelength transition

Autoren: Kimura, M., Yamada, S., Nakaniwa, N., Makita, Y., Negoro, H., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021PASJ..tmp...85K>

arXiv:2106.15756

Publications of the Astronomical Society of Japan, Advance Access

07/2021

Titel: BO Ceti: Dwarf nova showing both IW And-type and SU UMa-Type features

Autoren: Kato, T., Tampo, Y., Kojiguchi, N., Shibata, M., Ito, J., Isogai, K., Itoh, H., Hamsch, et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021PASJ..tmp...84K>

arXiv:2106.15028

Publications of the Astronomical Society of Japan, Advance Access

07/2021

Titel: Magnetic chemically peculiar stars investigated by the Solar Mass Ejection Imager

Autoren: Paunzen, E., Supíková, J., Bernhard, K., Hümmerich, S., and Prišegen, M.

URL: <https://ui.adsabs.harvard.edu/abs/2021MNRAS.504.3758P>

arXiv:2105.02206

Monthly Notices of the Royal Astronomical Society, Volume 504, Issue 3, pp.3758-3772

07/2021

Titel: V680 Mon - a young mercury-manganese star in an eclipsing heartbeat system

Autoren: Paunzen, E., Hümmerich, S., Fedurco, M., Bernhard, K., Komžík, R., and Vaňko, M.

URL: <https://ui.adsabs.harvard.edu/abs/2021MNRAS.504.3749P>

arXiv:2104.07627

Monthly Notices of the Royal Astronomical Society, Volume 504, Issue 3, pp.3749-3757

07/2021

Titel: The SPHERE infrared survey for exoplanets (SHINE). I. Sample definition and target characterization

Autoren: Desidera, S., Chauvin, G., Bonavita, M., Messina, S., LeCoroller, Hamsch, et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021A&A...651A..70D>

arXiv:2103.04366

Astronomy & Astrophysics, Volume 651, id.A70, 35 pp.

07/2021

Titel: VizieR Online Data Catalog: SHINE sample definition (Desidera+, 2021)
Autoren: Desidera, S., Chauvin, G., Bonavita, M., Messina, S., Lecoroller, H., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021yCat..36510070D>

VizieR On-line Data Catalog: J/A+A/651/A70. Originally published in:

2021A&A...651A..70D

06/2021

Titel: CQ UMa – a slowly accelerating cool magnetic CP star

Autoren: Mikulasek, Z., Janik, J., Krticka, J., Zejda, M., Paunzen, E., Romanyuk, I., Yakunin, I., Hummerich, S., Bernhard, K., David-Uraz, A., and Shultz, M.

URL: <https://ui.adsabs.harvard.edu/abs/2021osvm.confE...17M>

OBA Stars: Variability and Magnetic Fields. On-line conference, held 26-30 April, 2021, id.17

06/2021

Titel: ASASSN-21co: A Detached Eclipsing Binary with an 11.9 yr Period

Autoren: Rowan, D. M., Stanek, K. Z., Way, Z., Kochanek, C. S., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021RNAAS...5..147R>

arXiv:2107.00662

Research Notes of the AAS, Volume 5, Issue 6, id.147, 0 pp.

06/2021

Titel: The Dwarf Nova V893 Sco Does Not Have a Giant Planet

Autoren: Schaefer, B. E. and Hamsch, F.-J.

URL: <https://ui.adsabs.harvard.edu/abs/2021RNAAS...5..139S>

Research Notes of the AAS, Volume 5, Issue 6, id.139, 0 pp.

06/2021

Titel: Spectroscopic and photometric observations of dwarf nova superoutbursts by the 3.8 m telescope Seimei and the Variable Star Network

Autoren: Tampo, Y., Isogai, K., Kojiguchi, N., Maehara, H., Taguchi, K., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021PASJ...73..753T>

arXiv:2104.04948

Publications of the Astronomical Society of Japan, Volume 73, Issue 3, pp.753-771

06/2021

Titel: 26 new Mira variables from the ZTF survey

Autoren: Bernhard, K. and Hümmerich, S.

URL: <https://ui.adsabs.harvard.edu/abs/2021OEJV...218....1B>

Open European Journal on Variable stars, Vol. 218, p. 1-45.

06/2021

Titel: A unicorn in monoceros: the 3 M_☉ dark companion to the bright, nearby red giant V723 Mon is a non-interacting, mass-gap black hole candidate

Autoren: Jayasinghe, T., Stanek, K. Z., Thompson, T. A., Kochanek, C. S., Rowan, J.

T., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021MNRAS.504.2577J>

arXiv:2101.02212

Monthly Notices of the Royal Astronomical Society, Volume 504, Issue 2, pp.2577-2602

06/2021

Title: The Correlation between H-alpha and Hel 6678 Emission Activity in the Be Star gamma Cassiopeiae from 1995 to 2021

Autoren: Pollmann, E.

URL: <https://ui.adsabs.harvard.edu/abs/2021JAVSO..49...77P>

The Journal of the American Association of Variable Star Observers, vol. 49, no. 1, p. 77

06/2021

Title: Photometry and spectroscopy of the new symbiotic star 2SXPS J173508.4-292958

Autoren: Munari, U., Valisa, P., Vagnozzi, A., Dallaporta, S., Hamsch, F.-J., and Frigo, A.

URL: <https://ui.adsabs.harvard.edu/abs/2021CoSka..51..103M>

arXiv:2012.11511

Contributions of the Astronomical Observatory Skalnaté Pleso, vol. 51, no. 2, p. 103-117.

06/2021

Title: VizieR Online Data Catalog: TESS observations of Cepheid stars (Plachy+, 2021)

Autoren: Plachy, E., Pal, A., Bodi, A., Szabo, P., Molnar, L., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021yCat..22530011P>

VizieR On-line Data Catalog: J/ApJS/253/11. Originally published in: 2021ApJS..253...11P

05/2021

Title: Spectroscopic observation of the unusual variable ASASSN-21gk

Autoren: Isogai, K., Kato, T., Taguchi, K., and Hamsch, F.-J.

URL: <https://ui.adsabs.harvard.edu/abs/2021ATel14593....1I>

The Astronomer's Telegram, No. 14593

05/2021

Title: VizieR Online Data Catalog: Gemini/FLAMINGOS-2 NIR spectra of V1047 Cen (Geballe+, 2019)

Autoren: Geballe, T. R., Banerjee, D. P. K., Evans, A., Gehrz, R. D., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2021yCat..18869014G>

VizieR On-line Data Catalog: J/ApJ/886/L14. Originally published in: 2019ApJ...886L..14G

04/2021

Titel: HO Puppis: Not a Be Star, but a Newly Confirmed IW And-type Star
Autoren: Lee, C.-D., Ou, J.-Y., Yu, P.-C., Ngeow, C.-C., Huang, P.-C., Ip, W.-H., Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2021ApJ...911...51L>
arXiv:2102.09748
The Astrophysical Journal, Volume 911, Issue 1, id.51, 18 pp.
04/2021

Titel: TESS Observations of Cepheid Stars: First Light Results
Autoren: Plachy, E., Pál, A., Bódi, A., Szabó, P., Molnár, Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2021ApJS...253...11P>
arXiv:2012.09709
The Astrophysical Journal Supplement Series, Volume 253, Issue 1, article id. 11, 24 pp. (2021).
03/2021

Titel: VizieR Online Data Catalog: LAMOST DR4 New mercury-manganese stars (Paunzen+, 2021)
Autoren: Paunzen, E., Hummerich, S., and Bernhard, K.
URL: <https://ui.adsabs.harvard.edu/abs/2021yCat...36450034P>
VizieR On-line Data Catalog: J/A+A/645/A34. Originally published in:
2021A&A...645A..34P
02/2021

Titel: Observations and Orbits of Comets and A/ Objects
Autoren: Sonka, A., Nedelcu, A., Coffano, A., Marinello, Husar, Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2021MPEC....B..143S>
Minor Planet Electronic Circ., No. 2021-B143 (2021)
01/2021

Titel: New mercury-manganese stars and candidates from LAMOST DR4
Autoren: Paunzen, E., Hümmerich, S., and Bernhard, K.
URL: <https://ui.adsabs.harvard.edu/abs/2021A&A...645A..34P>
arXiv:2010.03280
Astronomy & Astrophysics, Volume 645, id.A34
01/2021

Titel: High-amplitude γ Doradus variables
Autoren: Paunzen, E., Bernhard, K., Hümmerich, S., Hamsch, F.-J., Lloyd, C., and Otero, S.
URL: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.499.3976P>
arXiv:2009.09239
Monthly Notices of the Royal Astronomical Society, Volume 499, Issue 3, pp.3976-3991
12/2020

Titel: Photometry and Spectroscopy of P Cygni: Periodic Variation of the Intrinsic H-alpha-line Flux

Autoren: Pollmann, E.

URL: <https://ui.adsabs.harvard.edu/abs/2020JAVSO..48..133P>

The Journal of the American Association of Variable Star Observers, vol. 48, no. 2, p. 133

12/2020

Titel: Spectroscopic Monitoring of the 2017-2019 Eclipse of VV Cephei

Autoren: Pollmann, E. and Bennett, P.

URL: <https://ui.adsabs.harvard.edu/abs/2020JAVSO..48..118P>

The Journal of the American Association of Variable Star Observers, vol. 48, no. 2, p. 118

12/2020

Titel: Fermi-LAT Observations of V549 Vel 2017: A Subluminous Gamma-Ray Nova?

Autoren: Li, K.-L., Hamsch, F.-J., Munari, U., Metzger, B. D., Chomiuk, L., Frigo, A., and Strader, J.

URL: <https://ui.adsabs.harvard.edu/abs/2020ApJ...905..114L>

arXiv:2010.10753

The Astrophysical Journal, Volume 905, Issue 2, id.114, 10 pp.

12/2020

Titel: An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau

Autoren: van Dam, D. M., Kenworthy, M. A., David, T. J., Mamajek, E. E., Hillenbrand, L. A., J. E., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2020AJ....160..285V>

arXiv:2010.11199

The Astronomical Journal, Volume 160, Issue 6, id.285, 16 pp.

12/2020

Titel: Four Candidate Binary Stars with strong Reflection Effect from the Zwicky Transient Facility

Autoren: Bernhard, K. and Hümmerich, S.

URL: <https://ui.adsabs.harvard.edu/abs/2020OEJV..206....1B>

Open European Journal on Variable stars, Vol. 206, p. 1-8.

11/2020

Titel: IM Normae: The Death Spiral of a Cataclysmic Variable?

Autoren: Patterson, J., Kemp, J., Monard, B., Myers, G., de Miguel, E., Hamsch, et al.

URL: <https://ui.adsabs.harvard.edu/abs/2020arXiv201007812P>

arXiv:2010.07812

eprint arXiv:2010.07812

10/2020

Titel: Rotational modulation and single g-mode pulsation in the B9pSi star HD 174356?

Autoren: Mikulášek, Z., Paunzen, E., Hümmerich, S., Niemczura, E., Walczak, P., Fraga, L., Bernhard, K., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.498..548M>
arXiv:2008.02833
Monthly Notices of the Royal Astronomical Society, Volume 498, Issue 1, pp.548-564
10/2020

Titel: The compact triply eclipsing triple star TIC 209409435 discovered with TESS
Autoren: Borkovits, T., Rappaport, S. A., Tan, T. G., Hamsch, et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.496.4624B>
arXiv:2006.10449
Monthly Notices of the Royal Astronomical Society, Volume 496, Issue 4, pp.4624-4636
08/2020

Titel: A plethora of new, magnetic chemically peculiar stars from LAMOST DR4
Autoren: Hümmerich, S., Paunzen, E., and Bernhard, K.
URL: <https://ui.adsabs.harvard.edu/abs/2020A&A...640A..40H>
arXiv:2005.14444
Astronomy & Astrophysics, Volume 640, id.A40, 23 pp.
08/2020

Titel: The Spin-period History of Intermediate Polars
Autoren: Patterson, J., de Miguel, E., Kemp, J., Dvorak, S., Monard, B., Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020ApJ...897...70P>
arXiv:2001.07288
The Astrophysical Journal, Volume 897, Issue 1, id.70
07/2020

Titel: VizieR Online Data Catalog: 1002 mCP stars from LAMOST DR4 (Hummerich+, 2020)
Autoren: Hummerich, S., Paunzen, E., and Bernhard, K.
URL: <https://ui.adsabs.harvard.edu/abs/2020yCat..36400040H>
VizieR On-line Data Catalog: J/A+A/640/A40. Originally published in:
2020A&A...640A..40H
06/2020

Titel: The Rise and Fall of the King: The Correlation between FO Aquarii's Low States and the White Dwarf's Spin-down
Autoren: Littlefield, C., Garnavich, P., Kennedy, M. R., Patterson, Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020ApJ...896..116L>
arXiv:1904.11505
The Astrophysical Journal, Volume 896, Issue 2, id.116, 16 pp. (2020)
06/2020

Titel: Swift observation and continued optical brightening of Nova Sgr 2020 No. 2 = ASASSN-20ga = PGIR20dsv
Autoren: Sokolovsky, K. V., Aydi, E., Chomiuk, L., Kawash, A., Strader, J., Mukai, K.,

Hamsch, F. J., Vanmunster, T., Korotkiy, S., and Beloushkin, A.
URL: <https://ui.adsabs.harvard.edu/abs/2020ATel13804....1S>
The Astronomer's Telegram, No. 13804
06/2020

Titel: VizieR Online Data Catalog: Seven recent novae BVI light curves (Munari+, 2017)

Autoren: Munari, U., Hamsch, F.-J., and Frigo, A.
URL: <https://ui.adsabs.harvard.edu/abs/2020yCat..74694341M>
VizieR On-line Data Catalog: J/MNRAS/469/4341. Originally published in:
2017MNRAS.469.4341M
04/2020

Titel: New and improved rotational periods of magnetic CP stars from ASAS-3, KELT, and MASCARA data

Autoren: Bernhard, K., Hümmerich, S., and Paunzen, E.
URL: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.493.3293B>
arXiv:2002.06435
Monthly Notices of the Royal Astronomical Society, Volume 493, Issue 3, pp.3293-3330
04/2020

Titel: The path to Z And-type outbursts: The case of V426 Sagittae (HBHA 1704-05)

Autoren: Skopal, A., Shugarov, S. Y., Munari, U., Masetti, Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020A&A...636A..77S>
arXiv:2003.10135
Astronomy & Astrophysics, Volume 636, id.A77, 18 pp.
04/2020

Titel: Modelling hystereses observed during dwarf nova outbursts

Autoren: Hameury, J.-M., Knigge, C., Lasota, J.-P., Hamsch, F.-J., and James, R.
URL: <https://ui.adsabs.harvard.edu/abs/2020A&A...636A...1H>
arXiv:2003.03056
Astronomy & Astrophysics, Volume 636, id.A1, 9 pp.
04/2020

Titel: VizieR Online Data Catalog: V426 Sagittae (HBHA 1704-05) light curves (Skopal+, 2020)

Autoren: Skopal, A., Shugarov, S. Y., Munari, U., Masetti, Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020yCat..36360077S>
VizieR On-line Data Catalog: J/A+A/636/A77. Originally published in:
2020A&A...636A..77S
03/2020

Titel: Revisiting the post-common-envelope binaries HZ 9, KV Vel and Abell 65

Autoren: Rios-Venegas, C., Contreras-Quijada, A., Vogt, N., Hamsch, et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.493.1197R>
Monthly Notices of the Royal Astronomical Society, Volume 493, Issue 1, p.1197-1203
03/2020

Titel: RedDots: a temperate 1.5 Earth-mass planet candidate in a compact multiterrestrial planet system around GJ 1061
Autoren: Dreizler, S., Jeffers, S. V., Rodríguez, J. B. P., Hamsch, et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.493..536D>
arXiv:1908.04717
Monthly Notices of the Royal Astronomical Society, Volume 493, Issue 1, p.536-550
03/2020

Titel: V1380 Ori ist ein Bedeckungsveränderlicher mit zwei simultanen Perioden
Autoren: Bernhard, K. and Huemmerich, S.
URL: <https://ui.adsabs.harvard.edu/abs/2020BAVSR..69..143B>
BAV Rundbrief 3/2020, p. 143-147
03/2020

Titel: Survey of period variations of superhumps in SU UMa-type dwarf novae. X. The tenth year (2017)
Autoren: Kato, T., Isogai, K., Wakamatsu, Y., Hamsch, F.-J., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020PASJ...72...14K>
arXiv:1911.04645
Publications of the Astronomical Society of Japan, Volume 72, Issue 1, id.14
02/2020

Titel: IW And-type state in IM Eridani
Autoren: Kato, T., Wakamatsu, Y., Kojiguchi, N., Kimura, T., Hamsch, et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020PASJ...72...11K>
arXiv:1911.01587
Publications of the Astronomical Society of Japan, Volume 72, Issue 1, id.11
02/2020

Titel: Halpha line profile study during periastron passages of the companion in the binary star Pleione
Autoren: Pollmann, E.
URL: <https://ui.adsabs.harvard.edu/abs/2020BAVSR..69...81P>
BAV Rundbrief 2/2020, p. 81-89
02/2020

Titel: Magnetic field measurements of Kepler Ap/CP2 stars
Autoren: Romanyuk, I. I., Mikulášek, Z., Hümmerrich, S., Yakunin, I., Moiseeva, A., Janík, J., Bernhard, K., et al.
URL: <https://ui.adsabs.harvard.edu/abs/2020svos.conf..197R>
Proceedings of the conference Stars and their Variability Observed from Space, held in Vienna on August 19-23, 2019. Eds.: C. Neiner, W. W. Weiss, D. Baade, R. E. Griffin, C. C. Lovekin, A. F. J. Moffat. University of Vienna, 2020, pp.197-198
01/2020

Titel: A low-mass planet candidate orbiting Proxima Centauri at a distance of 1.5 AU
Autoren: Damasso, M., Del Sordo, F., Anglada-Escudé, G., Giacobbe, P., Sozzetti, A., Hamsch, F.-J., et al.

URL: <https://ui.adsabs.harvard.edu/abs/2020SciA....6.7467D>
Science Advances, vol. 6, issue 3, p. eaax7467
01/2020

Titel: Extremely peculiar spectrum of the primary component of the eclipsing binary HD 66051

Autoren: Niemczura, E., Kołaczek-Szymański, P. A., Castelli, F., Hubrig, S., Järvinen, S. P., Monier, R., and Hümmerich, S.

URL: <https://ui.adsabs.harvard.edu/abs/2020IAUS..350..412N>

Laboratory Astrophysics: From Observations to Interpretation, held 14-19 April 2019 in Cambridge, UK. Edited by F. Salama and H. Linnartz. edings of the International

Astronomical Union, Volume 350, pp. 412-414

01/2020

Titel: Die fortlaufende Beobachtung eines Novaaehnlichen Kataklysmischen und Entdeckung eines weiteren Mitglieds dieser Gruppe

Autoren: Groebel, R.

URL: <https://ui.adsabs.harvard.edu/abs/2020BAVSR..69...33G>

BAV Rundbrief 1/2020, p. 33-45

01/2020

Titel: TW Col: Ein alpha2-CVn-Veraenderlicher mit komplexer Lichtkurve

Autoren: Bernhard, K. and Huemmerich, S.

URL: <https://ui.adsabs.harvard.edu/abs/2020BAVSR..69...29B>

BAV Rundbrief 1/2020, p. 29-32

01/2020

Titel: Pulsational properties of ten new slowly pulsating B stars

Autoren: Fedurco, M., Paunzen, E., Hümmerich, S., Bernhard, K., and Parimucha, Š.

URL: <https://ui.adsabs.harvard.edu/abs/2020A&A...633A.122F>

arXiv:1912.09358

Astronomy & Astrophysics, Volume 633, id.A122, 11 pp.

01/2020

Sollte ein Artikel nicht aufgeführt worden sein, bitte bei mir melden:

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