

BALTIC ASTRONOMY

An international journal

Volume 24
Number 2
2015

Contents

SELECTED PAPERS OF THE CONFERENCE
«MODERN STELLAR ASTRONOMY – 2014»
2014 May 28–30, Rostov-on-Don, Russia (continued)

M. Butenko, A. Khoperskov, S. Khoperskov.	Galactic spiral pattern beyond the optical size induced by the triaxial dark halo	119
L. M. Chechin.	High resolution gravitational lens model	126
D. Chulkov, M. Prokhorov, O. Malkov, S. Sichevskij, N. Krussanova, A. Mironov, A. Zakharov, A. Kniazev.	Detection of unresolved binaries with multicolor photometry	137
A. Davydenko.	On the formation of tails in the Galactic tidal field	144
A. O. Gromov, I. I. Nikiforov, L. P. Ossipkov.	On the possibility of applying the quasi-isothermal Stäckel's model to our Galaxy	150
A. A. Isaeva, D. A. Kovaleva, O. Yu. Malkov.	Visual binaries: cross-matching and compiling of a comprehensive list	157
P. B. Ivanov, J. C. B. Papaloizou, S.-J. Paardekooper, A. G. Polnarev.	The evolution of a supermassive retrograde binary embedded in an accretion disk	166
B. P. Kondratyev, N. G. Trubitsina.	On equilibrium figures of particle clouds around the Sun and stars	176
D. A. Kovaleva, O. Yu. Malkov, P. V. Kaygorodov, A. V. Karchevsky, N. N. Samus.	BSDB: a new consistent designation scheme for identifying objects in binary and multiple stars	185
E. A. Mikhailov, I. I. Modyaev.	Star formation and Galaxy dynamo equations with random coefficients	194
M. V. Ryabova, Yu. A. Shchekinov.	Destruction of globular clusters in the Galactic gravitational field	201
L. V. Smirnova.	Stochasticity of Galactic orbits of star clusters	209
E. O. Vasiliev, A. V. Moiseev, Yu. A. Shchekinov.	Velocity dispersion of ionized gas and multiple supernova explosions	213