
Assembly and alignment method of catadioptric objectives with eccentric field of view

© V.I. Zavarzin, A.V. Li, S.A. Morozov

Bauman Moscow State Technical University, Moscow, 105005, Russia

The paper presents alignment method of a new perspective catadioptric objective with eccentric field of view. Interferometric methods of control are proposed. The method is explained on a particular example.

Keywords: *remote sensing, alignment, spectral resolution, catadioptric objectives, eccentric field of view.*

Zavarzin V.I. (b. 1956) graduated from Bauman Moscow Higher Technical School in 1980. Dr. Sci. (Eng.), Professor of the Optoelectronic Research Devices Department, Dean of the Optoelectronic Devices Engineering Faculty of Bauman Moscow State Technical University. Author of more than 100 publications in the field of optical device engineering. e-mail: zavarzin@bmstu.ru

Li A.V. (b. 1987) graduated from Bauman Moscow State Technical University in 2010. Post-graduate student of Bauman Moscow State Technical University. Author of 10 publications in the field of optical device engineering. e-mail: alvik87@gmail.com

Morozov S.A. (b. 1982) graduated from Bauman Moscow State Technical University in 2006. Post-graduate Student of the Optoelectronic Research Devices Department of Bauman Moscow State Technical University. Author of more than 15 publications in the field of optical device engineering. e-mail: s.morozov@mail.ru
