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Mirror alignment of TAIGA-IACT telescopes using the Bokeh effect

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The TAIGA Gamma-Observatory is a new hybrid detector, located in the Tunka Valley. It is being created to solve a wide range of fundamental problems of very high energy gamma astronomy and astroparticle physics. In order to obtain a clear image in the IACT, which is necessary for evaluating the event parameters and gamma-hadron separation, it is very important to correctly adjust the telescope optics. The report presents the results of the development of the TAIGA-IACT method for aligning segmented of IACT mirrors using the Bokeh effect, with which it is possible to observe the images of mirrors on the screen. The results obtained will be used in the future to calibrate the telescopes of the TAIGA-IACT installation.

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