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Estimation of the efficiency of EAS registration by the imaging atmospheric cherenkov telescope depending on the position of the source in the field of view.

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Observations of extensive air-showers is characterized by the combination of a relatively narrow field of view of the telescope with an even narrower angle of propagation of Cherenkov light from the shower. With increasing distance between telescope and shower axis a part of the observed image of the event goes beyond the field of view of the telescope, which complicates the reconstruction of the primary particle parameters. In the present study we discuss of the distribution of the efficiency of of such events depending on position of observed source image in the field of view in mono and stereo modes.

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