
Optical testing of “Millimetron” space observatory convex hyperbolic mirror

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A new noninterferometric method for measuring high-aperture convex aspherical mirror is developed. The method is based on the analysis of the narrow light beams reflected from mirror. The advantage of the developed method is that there is no need to use large auxiliary optical elements.

Keywords: *radio-telescope, space observatory, aspherical mirror, measurement, optical testing.*

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