



MEASUREMENT OF MTF ON EXTENDED SOURCES

Measurement of Modulation Transfer Function on extended sources

Technological benefits

Increased accuracy

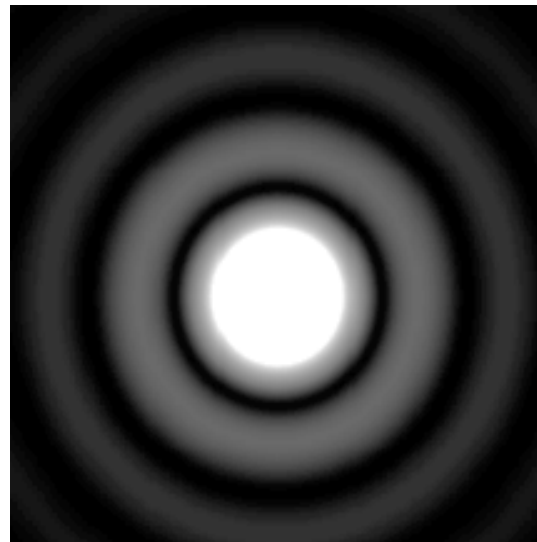
- More precise than existing laboratory characterization methods

Better image quality

- A better MTF determination leads to a better chain of treatment quality that follows it.

Improved speed

- Faster than existing laboratory characterization methods



Invention overview

This invention allows to measure the MTF on the ground of an instrument in a precise and rigorous manner. For this purpose, a uniform light source is observed through different well-dimensioned and positioned holes in order to make the measurement optimal.

Potential applications

Spatial Imaging

- Applications on all satellites with telescope that need to be precise

Optical

- Sellers of precision optical instruments

Commercial benefits

Time saving

- This new characterization method is faster than the previous ones.

Economical

- This new characterization method is cheaper than the previous ones.

TRL : 9

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