

STARFINDER 2.0

Tuesday 18 February 2020 16:36 (18 minutes)

The Starfinder code (Diolaiati et Al 2000) has been the first attempt to face with the typical adaptive optics structured Point Spread Function (PSF) in dense star fields to accomplish astrometric and photometric analysis. The next release of the software will also handle a variation of the PSF across the Field of View (FoV) including the option of an analytical variation model that can be defined by the user. The PSF can be either extracted numerically from the brightest stars in the science field or computed externally and provided as an input in the form of a single image or a cube of images. This feature makes this software suitable to work with PSF models obtained by PSF reconstruction techniques.

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Session Classification: Analisi dati: sfide e strumenti