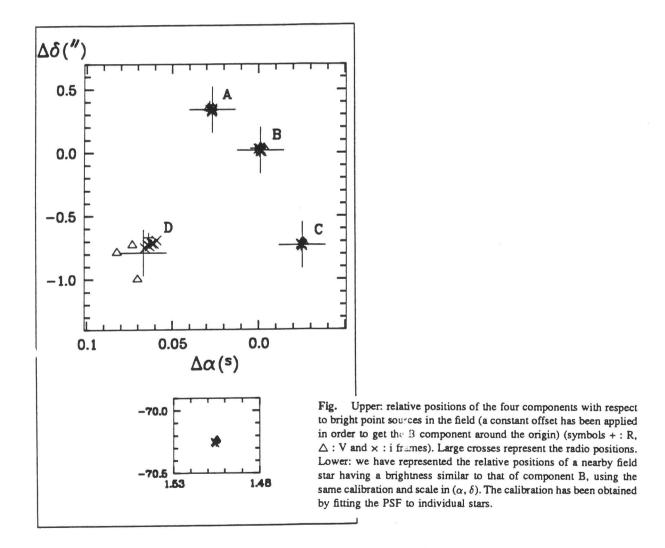
Optical imaging of the gravitational lens system B1422+231

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Abstract: Direct optical images (Bessel V, R and Gunn i; average FWHM of 0.88") of B1422+231, obtained in March 1993 at ESO (La Silla) have been decomposed by fitting multiple Point Spread Functions. We detect the optical counterparts of the four known radio point like components. No additional optical image is found but due to the compactness of the configuration our detection limit for additional point sources is rather low (19.3 in R). The deduced positions (see Fig.) and photometry of the four optical components agree pretty well with the radio and IR observations and this study provides further evidences supporting the gravitational lens origin of B1422+231.



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