

Wavelength dependence in the flux ratio of the double quasar SDSS J1650+4251

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ABSTRACT

We present observations made with the Nordic Optical Telescope of the gravitational lens system SDSS J1650+4251 in eight different filters covering the wavelength interval 3510–8130Å. The excellent seeing conditions (0.6 arcsec in I-band) allowed to resolve the two-quasar components and the lens galaxy. Throughout a PSF-fitting photometry we derive the extinction curve for the $z=0.58$ lens galaxy and discuss about the existence of the 2175Å feature.