

BROAD EMISSION LINE POLARIZATION OF LENSED QUASARS

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We investigate the influence of lensing effect to the polarized light from the broad line region (BLR) of lensed quasars taking the standard model of lens system $z_l = 0.5$, and $z_s = 2$. We explore the influence of macro-, milli- and microlensing effect on the disc-like BLR light polarized by equatorial scattering of the inner side of the dusty torus. For macro-lensing we used singular isothermal elliptic (SIE) potential and for mili-lensing a group of one thousand stars. For microlensing map we took different values of convergence κ and shear γ . Broad line emission and equatorial scattering was simulated using the radiative transfer code SKIRT. Here we present some basic results obtained by simulations.