2010.2

Title: REAL: Polarisation monitoring of B0218+357 at 95 GHz

Astronomica	l Category	: Cosmology and the H	ligh Redshift Univers			
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Standard	I 🔘 Large	Target Of Opporture	nity			
Continua	ation [Resubmission	Related Proposals:	Student/PhD		
Stringency:	PEL:	Atmos.Quality Ne	eded: OAOB	○ C ○ No grade	SB's Done	
Abstract	determing images of was meas 70-80 km/ contribute frequency	the Hubble constant va quasar at z~1. The ured using VLA 15-GH/s/Mpc. Although the loss significantly to the e of ~95 GHz, taking ac	via a measurement of to current determination of the data taken in 1996/ ens model has improve tror budget of H0. We play dvantage of the expector	ime delay between the li of the time delay is 10.5 1997 and together with le d considerably since 19 propose to measure the ded greater intrinsic varia	the best, if not the best, for ght travel times of the two lensed +/- 0.4 days (95% confidence) tens models results in H0 = 97, the time delay has not and time delay using ALMA at a bility at this much higher tense on producing light curves in	
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