

Erratum: "First catalog of strong lens candidates in the COSMOS field" (APJS, 176, 19 [2008])

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Due to an error in the lens modeling code, we have published wrong values for the parameters of the mass models in the original paper. The correct version of Table 4, Fig. 18 and Fig. 19 are presented hereafter.

Table 1: Morphological parameters and Einstein radii of the lensing galaxies for the best systems.

Name	z_l	z_s	χ^2	σ_v (km s ⁻¹)	R_E (")	γ, θ_γ	More images? Comments	Multiplicity
0012+2015	0.41	0.95	0.01	215.3	0.67	no	no	Double
0018+3845	0.71	1.93	1.9	303.1	1.32	(0.28,47.5)	no	Triple
0038+4133	0.89	2.70	0.08	225.3	0.73	(0.06,179.1)	no	Ring
0047+5023	0.85	2.51	1.4	313.0	1.41	(0.23,174.1)	no	Triple
0049+5128	0.33	0.74	-	380.0	2.09	no	no (1,2)	Ring
0050+4901	1.01	3.34	3.4	342.3	1.69	(0.23,76.1)	no (2,3)	Quad
0056+1226	0.44	1.03	1.3	337.4	1.64	no	no	Double
0124+5121	0.84	2.47	-	245.0	0.86	no	no (1)	Ring
0211+1139	0.90	2.76	0.01	466.3	3.14	no	no (2)	Double
0216+2955	0.67	1.77	0.06	348.5	1.75	no	no (2)	Double
0227+0451	0.89	2.70	20.0	428.3	2.64	no	yes (2,3)	Double
5857+5949	0.39	0.89	16.2	398.1	2.28	no	yes (2,3)	Double
5914+1219	1.05	3.57	1.2	338.6	1.65	(0.28,68.8)	yes (2)	Triple
5921+0638	0.45	1.06	0.48	221.0	0.70	(0.09,100.5)	no	Quad
5941+3628	0.90	2.76	-	285.0	1.17	no	no (1)	Ring
5947+4752	0.28	0.61	-	370.0	1.97	no	no (1)	Ring

Note. — Column 1: name. Columns 2 and 3: lens and source redshift used for the modeling. Column 4: χ^2 of the fit between the best mass model and the data. Columns 5 and 6: velocity dispersion and Einstein radius of the lens. Column 7: External shear contribution? if yes, value and orientation of the shear. Column 8: Do more images appear during the modeling? yes or no. The labels refer to the comments given hereafter. Column 9: Multiplicity of the images used for the mass modeling.

Note. — (1) The mass model is created using a source aligned with the lens center, and we scale σ_v in order to match the ring size. (2) The angular distance between the images and the velocity dispersion of the lens makes us think that the lensing galaxy is associated with a galaxy group or cluster. (3) The χ^2 value is high, suggesting that this system is not a genuine lens, or that a simple mass model is not a good representation of the total lens potential.

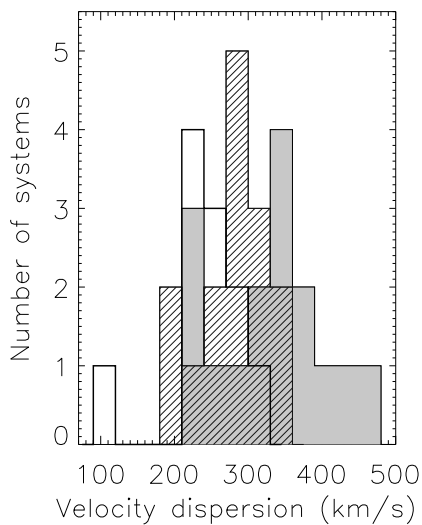


Fig. 1.— Replacement of Fig. 18: The velocity dispersions of strong lenses in the SLACS survey (hashed histogram) and in the CASTLES database (solid line) compared to the velocity dispersions of the best systems in the COSMOS sample (histogram filled in grey).

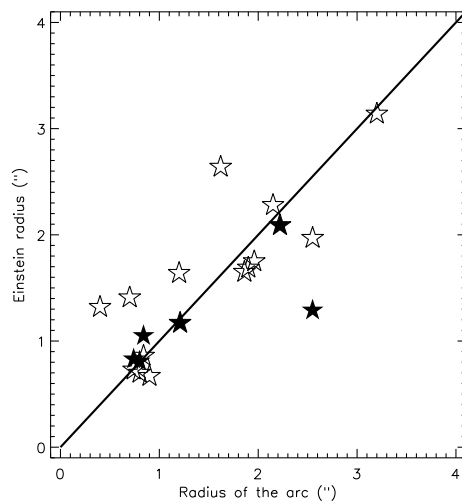


Fig. 2.— Replacement of Fig. 19: The arc radius versus the Einstein radius of the best systems. The black stars show the ring like candidates. The solid line traces $R_E = r_{arc}$.