This article was processed by the author using Springer-Verlag LaTeX A&A style file *L-AA* version 3.

Table 1. Photometric data on the sample galaxies

id	α	δ		$r_e('')$	U_{AB}	B_{AB}	V_{AB}	I_{AB}	J_{corr}	H_{corr}	K_{corr}	z	A_V	M_{tot}	SFR
	s	$'$	$''$												
0	56.65	12	45.60	1.21	24.91	22.49	21.09	20.05	18.26	17.48	16.79	0.517	0.17	2.97	6.61
1	51.08	13	20.73	1.12	21.69	20.52	19.95	19.63	18.40	17.87	17.30	0.199	1.03	0.26	10.73
2	46.15	11	42.05	0.34	23.40	22.90	22.40	20.80	19.17	18.38	17.37	1.012	2.25	18.19	536.4
3	53.90	12	54.05	0.60	23.74	22.80	21.89	20.88	19.12	18.30	17.47	0.642	1.16	2.44	34.28
4	43.96	12	50.13	0.31	23.90	22.87	21.83	21.01	19.27	18.46	17.59	(0.55)	1.74	2.43	33.01
5	44.58	13	4.66	0.54	25.24	23.63	22.23	21.24	19.29	18.40	17.67	(0.68)	1.15	2.31	27.18
6	51.78	13	53.73	0.49	23.92	22.97	21.97	21.09	19.42	18.51	17.70	0.557	1.56	1.99	27.12
7	42.91	12	16.26	0.52	22.86	22.22	21.32	20.74	19.20	18.53	17.90	0.454	0.28	0.56	7.58
8	49.75	13	13.09	0.63	24.99	23.54	22.29	21.49	19.07	18.56	18.00	0.478	1.34	1.07	11.17
9	50.25	12	39.72	0.49	22.59	22.08	21.25	20.69	19.3	18.67	18.00	0.474	0.37	0.39	10.73
10	41.95	12	5.41	0.47	23.34	22.60	21.67	21.03	19.42	18.78	18.04	0.432	0.34	0.40	4.88
11	45.85	13	25.81	0.85	23.23	22.30	21.45	20.95	19.45	18.86	18.13	(0.4)	0.48	0.38	6.92
12	43.18	11	48.05	0.47	26.05	24.95	23.91	22.45	20.14	19.29	18.23	(1.06)	0.89	3.47	26.09
13	51.72	12	20.18	0.34	24.85	23.34	22.24	21.55	19.87	19.12	18.31	0.299	0.95	0.17	1.57
14	42.72	13	7.26	0.33	25.61	24.58	23.22	22.19	20.00	19.21	18.32	(0.737)	1.73	2.83	32.42
15	47.04	12	34.96	0.40	22.84	22.19	21.46	21.03	19.66	19.05	18.34	0.321	1.00	0.22	7.45
16	49.51	14	6.77	0.34	24.17	23.58	22.82	21.83	20.17	19.23	18.41	0.752	2.07	2.93	67.43
17	49.51	12	20.11	0.61	25.58	25.16	24.04	22.46	20.34	19.40	18.53	0.961	1.03	2.55	22.83
18	41.42	11	42.89	0.33	26.18	25.13	24.81	24.16	20.69	19.66	18.60	1.320	1.03	1.58	16.88
19	58.76	12	52.35	0.85	23.18	22.52	21.72	21.31	19.92	19.34	18.77	0.320	0.38	0.08	2.72
20	55.58	12	45.43	0.47	24.18	23.63	22.97	21.97	20.35	19.65	18.86	0.790	0.70	0.92	17.98
21	50.47	13	16.16	0.64	25.46	24.62	23.74	22.60	20.68	19.95	18.90	(0.88)	1.65	1.05	14.25
22	57.33	12	59.63	0.44	22.83	22.53	21.82	21.38	20.10	19.42	18.93	0.473	0.47	0.15	8.25
23	41.31	11	40.87	0.33	27.02	24.70	23.61	22.47	20.57	19.73	19.01	0.585	0.67	0.51	2.75
24	38.44	12	31.35	0.59	26.76	25.15	23.74	22.67	20.85	20.03	19.17	(0.7)	1.06	0.49	6.90
25	49.24	11	48.38	0.32	25.46	24.93	24.16	22.96	20.67	19.98	19.18	0.961	0.23	1.03	7.75
26	48.62	12	15.81	0.47	26.70	26.20	25.20	23.60	21.23	20.23	19.21	(1.35)	0.96	2.95	14.55
27	49.45	13	16.58	0.28	25.41	24.44	24.02	23.27	21.18	20.22	19.22	(1.006)	1.74	2.55	40.67
28	48.12	12	14.90	0.88	24.26	23.83	23.54	22.64	20.53	20.02	19.36	0.961	0.27	0.90	11.62
29	54.10	13	54.35	0.45	24.35	23.84	23.37	22.43	21.01	20.17	19.41	0.894	1.68	1.37	46.13
30	52.70	13	55.49	0.27	23.96	23.22	23.06	22.71	20.64	20.08	19.41	1.355	0.54	0.67	44.33
31	38.99	12	19.63	0.45	24.14	23.67	22.95	22.22	20.81	20.17	19.57	(0.77)	1.51	1.07	53.23
32	44.19	12	47.90	0.39	22.99	22.65	22.13	21.65	20.50	19.91	19.58	.558	0.50	0.27	11.04
33	49.01	12	20.86	0.18	23.87	23.54	23.23	22.44	20.89	20.53	19.68	0.953	0.47	0.34	18.31
34	39.56	12	13.83	0.44	28.20	26.49	25.15	23.79	21.62	20.53	19.69	(1.22)	2.07	3.48	62.76
35	48.27	13	13.8	0.29	26.53	25.90	25.30	24.07	21.51	20.36	19.75	(1.165)	0.57	1.15	9.37
36	53.45	12	34.52	0.34	24.97	24.25	23.50	22.81	21.47	20.83	19.80	0.559	2.08	0.41	15.00
37	55.53	13	53.48	0.70	24.04	23.49	23.23	22.65	21.27	20.48	19.80	1.148	1.70	2.19	108.8
38	49.58	14	14.63	0.48	25.40	24.00	23.80	22.70	21.37	20.75	19.94	(0.92)	0.82	0.30	22.39
39	57.67	13	15.32	0.39	24.43	23.94	23.57	22.82	21.29	20.71	19.97	0.952	0.46	0.31	14.37
40	55.50	14	2.71	0.55	26.06	24.87	23.87	22.99	21.48	20.75	20.01	0.559	1.07	0.16	3.66
41	48.79	13	18.35	0.68	24.27	23.93	23.50	22.76	21.32	20.27	19.66	0.749	1.85	0.30	25.12
42	47.19	14	14.18	0.22	26.70	25.74	24.59	23.53	21.84	20.63	20.02	0.609	1.83	0.40	5.10
43	57.21	12	25.83	0.51	24.17	24.02	23.91	22.45	21.34	20.60	20.05	0.561	0.32	0.11	2.21
44	48.34	14	16.63	0.16	25.86	23.97	23.73	23.43	21.64	20.53	20.11	2.008	0.33	1.69	51.3
45	47.78	12	32.93	0.28	25.21	24.73	24.27	23.34	21.47	21.12	20.12	(1.04)	0.98	0.64	22.47
46	52.87	14	5.11	0.29	25.70	24.84	24.06	23.25	21.38	20.89	20.21	0.498	0.16	0.08	0.57
47	52.02	14	0.91	0.33	25.25	24.55	23.72	23.02	21.48	20.74	20.22	0.557	0.23	0.08	1.26
48	48.58	13	28.35	0.47	25.33	24.30	23.95	23.00	21.22	21.08	20.24	0.958	0.68	0.27	14.77
49	44.64	12	27.39	0.24	25.79	24.28	24.11	23.73	21.63	20.89	20.29	(1.58)	0.18	0.49	14.84
50	44.45	11	41.82	0.62	24.43	24.46	24.52	23.88	21.05	21.25	20.42	1.020	0.17	0.37	4.02
51	56.13	13	29.74	0.39	24.38	24.13	23.97	23.34	21.38	21.30	20.45	(1.2)	0.80	0.72	32.59

41	48.79	13	18.35	0.68	24.27	23.93	23.50	22.76	21.32	20.27	19.66	0.749	1.85	0.30	25.12
42	47.19	14	14.18	0.22	26.70	25.74	24.59	23.53	21.84	20.63	20.02	0.609	1.83	0.40	5.10
43	57.21	12	25.83	0.51	24.17	24.02	23.91	22.45	21.34	20.60	20.05	0.561	0.32	0.11	2.21
44	48.34	14	16.63	0.16	25.86	23.97	23.73	23.43	21.64	20.53	20.11	2.008	0.33	1.69	51.3
45	47.78	12	32.93	0.28	25.21	24.73	24.27	23.34	21.47	21.12	20.12	(1.04)	0.98	0.64	22.47
46	52.87	14	5.11	0.29	25.70	24.84	24.06	23.25	21.38	20.89	20.21	0.498	0.16	0.08	0.57
47	52.02	14	0.91	0.33	25.25	24.55	23.72	23.02	21.48	20.74	20.22	0.557	0.23	0.08	1.26
48	48.58	13	28.35	0.47	25.33	24.30	23.95	23.00	21.22	21.08	20.24	0.958	0.68	0.27	14.77
49	44.64	12	27.39	0.24	25.79	24.28	24.11	23.73	21.63	20.89	20.29	(1.58)	0.18	0.49	14.84
50	44.45	11	41.82	0.62	24.43	24.46	24.52	23.88	21.05	21.25	20.42	1.020	0.17	0.37	4.02
51	56.13	13	29.74	0.39	24.38	24.13	23.97	23.34	21.38	21.30	20.45	(1.2)	0.80	0.72	32.59