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Erratum: Molecular hydrogen and [Fe II] in active galactic nuclei III: LINERS and star forming galaxies

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Key words: errata, addenda – line: formation – molecular processes – galaxies: Seyfert – infrared: galaxies – infrared: spectra.

This is an erratum to the paper entitled 'Molecular hydrogen and [Fe II] in active galactic nuclei – III. Low-ionization nuclear emission-line region and star-forming galaxies', published in MNRAS, 430, 2002 (2013).

After publication of the paper, we noticed an error with the values of C_{ext} given in Table 5. Since these values are used to compute the hot molecular hydrogen masses, we have corrected the corresponding values in Table 5 (see below). However, the new values do not affect our conclusions that (i) the hot H_2 mass is very similar across all activity types and (ii) the molecular mass present in the nuclear region that emits in the NIR is a very small fraction of the warm molecular mass expected to be present in the galaxy centre. We thank Dr Eric Pellegrini for calling our attention to the error in Table 5.

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Table 5. Extinction coefficient. Molecular gas mass, vibrational and rotational temperatures.

Source	C_{ext}	H_2 Mass ($M_\odot$)	T_{vib} (K)	T_{rot} (K)
NGC 23	–	–	2521 ± 469	1067 ± 601
NGC 520	–	–	4115 ± 279	1832 ± 159
NGC 660	3.52	1607 ± 52	2704 ± 240	2108 ± 208
NGC 1055	–	–	–	–
NGC 1134	–	–	–	–
NGC 1204	3.04	19909 ± 567	2912 ± 256	2776 ± 270
NGC 1222	1.09	669 ± 65	<2856	2373 ± 399
NGC 1266	6.91	71891 ± 1323	2232 ± 154	1631 ± 118
UGC 2982	–	–	–	–
NGC 1797	2.76	16058 ± 560	4293 ± 271	1209 ± 307
NGC 6814	0.00	560 ± 190	3607 ± 381	1165 ± 343
NGC 6835	5.01	2013 ± 57	–	–
UGC 12150	2.22	32272 ± 969	2444 ± 363	960 ± 630
NGC 7465	2.42	3231 ± 339	2362 ± 227	1378 ± 222
NGC 7591	2.60	26378 ± 825	3478 ± 361	1069 ± 174
NGC 7678	1.43	1702 ± 166	4225 ± 806	–

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