

# Errata in Gordon & Sorochenko (2002)

Page	Line or Location	Erratum	Correction
9	4	would observable	would be observable
9	9	(See Table A.2	(See Table A.2)
28	Eq. (2.17)	1- $frac{v_x}{c}$	$1 - \frac{v_x}{c}$
50	15	$\Delta n \equiv n_2 - n_1 \ll 1$	$\Delta n \equiv n_2 - n_1 \ll n$
56	Eq. (2.78)	$\int_0^L \frac{j}{\kappa} e^{\kappa(x-L)} \kappa dx$	$\int_0^L \frac{j}{\kappa} e^{\kappa(x-L)} dx$
60	29	cm-1	cm <sup>-1</sup>
65	3	formula—index Boltzmann equation gives	formula gives
68	footnote 20	$(1 - 3\Delta\nu/2n_1)$	$(1 - 3\Delta n/2n_1)$
72	4	compared compared	compared
86	9	less than zero	less than one
100	8	Eq. (2.113	Eq. (2.113)
101	5	$(\Delta_{fs})$	$(\Delta E_{fs})$
107	23	$\approx 1$ mm	$\approx 0.1$ mm
119	last 3 lines	definition of $T_e/T_e^*$	actually, defines $T_e^*/T_e$
125	11	Churchwell (1978)	Churchwell et al. (1978)
129	25	$\langle N_e \rangle = (E/L)^{1/2}$	$\langle N_e \rangle = (EM/L)^{1/2}$
130	7 from bottom	cm <sup>-3</sup>	km <sup>-3</sup>
132	3	$\langle V_t^2 \rangle$	$\langle V_t^2 \rangle^{1/2}$
134	32	The 4,830	the 4,830
140	3	10,000) K	10,000 K
140	11	$N_e N_i T_e^{-1.35}$	$N_e N_i T_e^{-0.35}$
148	24	(1978)	Spitzer (1978)
165	7 from bottom	$1.6 \times 10^8$	$1.6 \times 10^2$
178	28	Table 3.6	Table 3.4
185	7 in caption	for each	for one
199	2	21''	21'
205	19	Shibai et al. (Shibai et al. 1991)	Shibai et al. (1991)
205	footnote 21	$s^{-s}$	$s^{-1}$
213	7 from bottom	larger signal-to-noise	smaller signal-to-noise
213	last line	of of	of
219	3	or magnitude	of magnitude
230	3 of fig. caption	0.1, 0.05, 0.1 ...	-0.1, 0.05, 0.1 ...
232	Table 3.9	[11] Anantharamaiah et al. (2000)	[11] Anantharamaiah et al. (1993)
234	3	about 1 pc	about 0.2 pc
238	hydrogen mass M	1.65981E-24	1.67352499E-24 Mohr & Taylor
259	col. 4, 21 from bot.	174,612.20	1,174,612.20
260	col. 4, 19 from bot.	210,590.95	1,210,590.95

Radio Recombination Lines

Their Physics and Astronomical Applications

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2002, XVII, 358 p., Hardcover

ISBN: 978-1-4020-1016-3