

# Erratum: Kinematics of gas and stars in the circumnuclear star-forming ring of NGC 3351

by Guillermo F. Hägele,<sup>★</sup> Ángeles I. Díaz, Mónica V. Cardaci, Elena Terlevich and Roberto Terlevich

**Key words:** errata, addenda –HII regions –galaxies: individual: NGC 3351 – galaxies: kinematics and dynamics –galaxies: starburst – galaxies: star clusters.

The paper ‘Kinematics of gas and stars in the circumnuclear star-forming ring of NGC 3351’, was published in Mon. Not. R. Astron. Soc. **378**, 163–178 (2007). We have found some errors in the quoted values for  $C(\text{H}\alpha)$  in Table 6. These affect the values of the estimated  $\text{H}\alpha$  luminosities, and the corresponding derived quantities. The newly derived contributions of the ionizing stellar masses to the dynamical masses, ( $M_{\text{ion}}/M_*$ ), are now found to be between 2 and 16 per cent for the circumnuclear star-forming regions, and 1.7 per cent for the nucleus.

The general conclusions of our work remain unchanged.

## REFERENCES

- Díaz A. I., Terlevich E., Castellanos M., Hägele G. F., 2006, astro-ph/0610787  
 Pérez-Olea D., 1996, PhD thesis, Univ. Autónoma de Madrid  
 Planesas P., Colina L., Pérez-Olea D., 1997, A&A, 325, 81

**Table 6.** Physical parameters.

Region	$L_{\text{obs}}(\text{H}\alpha)^a$	$E(B - V)^b$	$C(\text{H}\alpha)$	$L(\text{H}\alpha)$	$Q(H_0)$	$\text{EW}(\text{H}\beta)^b$	$M_{\text{ion}}$	$N_e^c$	$M_{\text{H II}}$	$M_{\text{ion}}/M_*$ (per cent)
R2	19.3	0.17	0.24	33.6	24.7	9.5	11.8	440	0.25	9.0
R3	25.0	0.46	0.65	112.0	82.3	16.5	24.5	430	0.87	5.5
R4	12.7	0.27	0.38	30.6	22.5	13.0	8.2	310	0.33	9.5
R5	5.9	0.25	0.35	13.3	9.8	5.1	8.0	360	0.12	16.2
R6	7.5	0.0	0.00	7.5	5.5	2.3	8.9	360	0.07	2.0
N	3.3	0.07	0.10	4.1	3.0	1.8	6.0	650 <sup>‡</sup>	0.02	1.7

Note. Luminosities in  $10^{38} \text{ erg s}^{-1}$ , masses in  $10^5 M_{\odot}$ , ionizing photons in  $10^{50} \text{ photon s}^{-1}$  and densities in  $\text{cm}^{-3}$

<sup>a</sup>From Planesas et al. (1997) corrected for the different adopted distances

<sup>b</sup>From Pérez-Olea (1996)

<sup>c</sup>from Díaz et al. (2006)

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<sup>★</sup>E-mail: guille.hagele@uam.es