

ERRATUM AND ADDENDUM

1. There is a misprint in the formula for $d(\sigma; -1, 0)$ that is given in section 3.4. The third line in the displayed equation should say that $d(\sigma; -1, 0) = n$ if $\sigma \in \Phi \setminus \{\tau\}$.
2. In Example 5.3, it is said that above each μ_j there is a unique point $Q_j \in D$. This is wrong. There is a unique point Q_1 above μ_1 , there are two points $Q_2^{(1)}, Q_2^{(2)}$ above μ_2 and there are seven points $Q_3^{(1)}, \dots, Q_3^{(7)}$ above μ_3 . We define \bar{Z}_j as the image of $C_\lambda \times \{Q_j^{(k)}\}$ for any k .

These errors in no way affect the validity of the main results of the paper.

3. As Robert Laterveer pointed out to me, it was shown by Beauville in [B], Proposition 9, that in the 18-dimensional moduli space \mathcal{M} of minimal surfaces with $p_g = K^2 = 1$, the points corresponding to ρ -maximal surfaces lie analytically dense. As ρ -maximal surfaces have H^2 of CM type, this means that the entire family of surfaces with $p_g = K^2 = 1$ gives a positive answer to Question 1.1 in the paper. I thank Robert Laterveer for the reference.

[B] A. Beauville, Some surfaces with maximal Picard number, *Journal de l'École polytechnique Mathématiques*, 1 (2014), p. 101–116.