CORRIGENDUM TO “THE MONIC INTEGER TRANSFINITE DIAMETER”

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It has been pointed out by Jan Hilmar [2] that the polynomial given in Table 5 of [1], \( t_M(b) = \frac{1}{3} \), regrettably does not have the property we claimed for it. The appearance of this polynomial was a computational oversight, and not caused by any failure of our algorithm for finding the polynomial. It should be replaced by the new polynomial, of degree 126347760, has a maximum of \( \left( \frac{1}{3} \right)^{126347760} \) at \( x = \frac{1}{3} \) on the interval \([0, 0.465]\), showing that this interval has monic integer transfinite diameter \( \frac{1}{3} \).

We also note that in [2] Hilmar has disproved Conjectures 1 and 2 of [1].

REFERENCES
