ANNALES

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Jean-Pierre ROSAY & Edgar Lee STOUT

An approximation theorem related to good compact sets in the sense of Martineau

Tome 52, n° 4 (2002), p. 1285-1285.

<http://aif.cedram.org/item?id=AIF_2002__52_4_1285_0>

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CORRIGENDUM

AN APPROXIMATION THEOREM RELATED TO GOOD COMPACT SETS IN THE SENSE OF MARTINEAU

by J.-P. ROSAY & E.L. STOUT

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We have noticed that one step in our paper has been written incorrectly. The mistake is rather obvious and the correction is immediate.

In the proof of Lemma 4, instead of using the ball $B(z^0, 1)$, one should have used the ball $B(z^0, 2)$ which contains the unit ball, and therefore the set F_t (fact to be used on line 2 of page 684). A few obvious changes have to be made, such as replacing the estimate $|Q(z)| \leqslant (\alpha+1)^n 2^{n\alpha}$, for $|z| \leqslant 2$, by the estimate $|Q(z)| \leqslant (\alpha+1)^n 3^{n\alpha}$, for $|z| \leqslant 3$.

After these obvious changes, the final formula is:

$$\gamma = n|B(0,2)|\Big(1 + \log 3 + \frac{n}{2}\log n\Big).$$

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