Erratum

Volume 12, Nos. 5/6, 1968, in the article, “On-line Turing Machine Recognition,” pp. 442-452:

The statement of the Lemma on pp. 448-449 should read:

To each Turing machine recognizing the set $A_u$ and each $i \geq 1$ there exists a positive integer $j$ ($1 \leq j < 2^j [j(i)]$) and an $i$-block $d$ so that, at processing the word $a_i b_i d$, the machine needs for the processing of the last $i$-block ($d$) a time (the number of steps) greater than $v_i$, where

$$v_i = \frac{2^{[j(i)]} - \log Q - t \log s - 1}{2 \cdot t \log s};$$

here $Q$ is the number of internal states, $t$ is the number of tapes, $s$ is the number of symbols of the internal alphabet of the considered machine.