ERRATUM

Erratum to: Flow shops with WIP and value added costs

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Published online: 15 February 2015
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Erratum to: J Sched (2010) 13:3–16 DOI 10.1007/s10951-009-0130-z

We correct four errors in our paper. The first is that the equation

$$W_j = \sum_{i=1}^m (w_{2i-1} Q_{2i-1,j} + w_{2i} p_{2i,j})$$

on Page 5 in Sect. 2 should read

$$W_j = \sum_{i=1}^m (w_{2i-1} Q_{ij} + w_{2i} p_{ij}).$$

The next error concerns Lemma 2. As stated, it is incorrect. Hatem Hadda noticed that the lemma holds when there are only two machines. We observe that it also holds for the m -machine case by changing the statement slightly to:

Lemma 2 *For the problem $F||\sum W_j$, suppose that $p_{ij} \geq p_{i+1,j}$ for all $i \in M \setminus \{m\}$ and $j \in N$. Also, suppose that $\sum_{i=1}^k p_{ij} \leq \sum_{i=1}^k p_{i,j+1}$ for all $k \in M$ and $j \in N \setminus \{n\}$. Then, scheduling the jobs without inserted idle time in the order $(1, 2, \dots, n)$ is optimal.*

The final errors are in the statement of Lemma 3, which contains two typos. The first is that $[j]$ should mean the job

in position j on Machine l (**not** Machine m). The second is that the first term after the inequality

$$w_1 n \sum_{i=1}^{l-1} p_{i[l]}$$

should be

$$w_1 n \sum_{i=1}^{l-1} p_{i[1]}.$$

Acknowledgments We thank Hatem Hadda for noticing the errors in our paper.

The online version of the original article can be found under doi:[10.1007/s10951-009-0130-z](https://doi.org/10.1007/s10951-009-0130-z).

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