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## A note on 'A hybrid genetic algorithm for the multi-depot open vehicle routing problem'

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In an erratum to their paper 'A hybrid genetic algorithm for the multi-depot open vehicle routing problem', Liu *et al.* [3]<sup>1</sup> corrected some of the table entries from their paper [4]. However, they did not correct an issue regarding the data of one of the problem instances. In their paper, the authors correctly stated that they used the problem instances provided by Cordeau *et al.* [1]. However, when they mapped the problem instances from the Cordeau *et al.* format to their own format, they incorporated a mistake. In this short note, we point out the difference in the data within the problem instance from the original source [1] and Liu *et al.* [4]. Moreover, we provide the optimal solution value using the optimization model provided by Lalla-Ruiz *et al.* [2] in both cases, namely, for the Liu *et al.* instance as well as for the corrected one replicating the same scenario provided by Cordeau *et al.* as stated in [4]. Note that this also constitutes a corrigendum of the optimal value reported in [2].

Table 1 shows the *Erratum* in the data of instance *p15* as well as the optimal solution value (*Opt. value*) and computational time (*Time (s)*) for the instance with (*Corrected Value*) and without the correction using the same mathematical model and environment as in [2]. As reported in the table, one of the coordinates of one of the depots,  $pos_{m_x}$ , was not well mapped leading to a modified optimal solution value for the above-mentioned original instance.

Finally, as an electronic attachment to this corrigendum, we provide the problem instance of Liu *et al.* with the mistake corrected.

Table 1: Problem instance *p15*

instance	Liu et al. [4] instances			Corrected value		
	Erratum	Opt. value	Time (s)	Corrected value	Opt. value	Time (s)
p15	$pos_{m_x} = 1; pos_{m_y} = 110$	1883.53	42.57	$pos_{m_x} = 0; pos_{m_y} = 110$	1885.81	44.66

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<sup>1</sup> Note that the erratum was based on the hints of one of the authors of this paper.

**References**

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