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Errata

A Single Facility Rectilinear Location Problem with Multiple Criteria

LEON F. MCGINNIS and JOHN A. WHITE

We are indebted to Professor Luc Chalmet for pointing out to us recently that our paper^[2] contains two errors which could be confusing to the reader. On page 218, in discussing the use of problem M to generate efficient solutions, we omitted the statement of the requirement that $\lambda > 0$ in Geoffrion's theorem.^[1] Also, the first paragraph on page 228 contains a misstatement. When α is allowed to be zero, alternative optima for the minimax problem are obtained. Obviously these solutions are *not* efficient in MV , since each of them corresponds to a different minimum solution value. However, if the decision maker did, in fact, want to completely discount the minimum solution (i.e., let $\alpha = 0$) he would want to see these alternative minimax solutions, and the procedure as described would be able to provide them. The rest of the modeling, analysis, and algorithm development is correct as published. For completeness, there is one additional error that escaped us in the original paper. The points labeled 1 and 2 in Figure 2 are actually points 2 and 1, respectively.

REFERENCES

1. A. M. GEOFFRION, "Proper Efficiency and the Theory of Vector Maximization," *J. Math. Anal. Appl.* **22**, 618-630 (1968).
2. L. F. MCGINNIS AND J. A. WHITE, "A Single Facility Rectilinear Location Problem with Multiple Criteria," *Trans. Sci.* **12**, 217-231 (1978).