

# A new algorithm for solving planar multiobjective location problems

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## **Abstract**

Together with Shaghaf Alzorba, Christian Günther and Christiane Tammer (Martin-Luther University, Halle-Wittenberg, Germany) we have established new characterizations of the sets of efficient solutions of planar location problems with respect to block norms. We derive three methods to reduce the number of objectives in the location problem, two of them using the Jahn-Graef-Younes method. They are implemented in a new algorithm for computing the whole set of efficient solutions.