

**Bixby, Robert E.**

**Progress in linear programming.** (English) Zbl 0798.90101  
ORSA J. Comput. 6, No. 1, 15-22 (1994).

Summary: There is little doubt that barrier methods are now indispensable tools in the solution of large-scale linear programming problems. However, it is our opinion that the results of *I. J. Lustig*, *R. E. Marsten* and *D. F. Shanno* [ibid. 6, No. 1, 1-14 (1994; [Zbl 0798.90100](#))] somewhat overstate the performance of these methods relative to the simplex method. We will present a slightly different view of progress in linear programming, one in which barrier methods do not dominate in the solution of large-scale problems.

**MSC:**

[90C05](#) Linear programming  
[90C06](#) Large-scale problems in mathematical programming

Cited in 14 Documents

**Keywords:**

[barrier methods](#); [large-scale linear programming](#)

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