Principles and Features of Optimal Placement of Industrial Enterprises

T. N. Sharonina, E. L. Dmitrieva

Tambov State Technical University, Tambov, Russia

Keywords: linear programming methods; rational location of enterprises; economic-mathematical modeling.

Abstract: The paper reviews the basic principles of placement of industrial companies. The presence of a large number of areas with different natural and economic conditions makes the task of placing specific industrial facilities multi-optional. We propose linear programming methods, namely, the distribution task to determine the optimal placement option for industrial enterprises and the criteria for optimal placement in the form of the lowest social labor costs to meet the needs of society in this product.