论文

A MODEL FOR MEDIUM-OR LONG-TERM PLANNING

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摘要   The PDAS(Production Distribution Area,Spatial)is an efficient method for optimalanalysis of the existing industrial production spatial distribution. As the main problem formedium- and long-term programming of the industrial production level isproject investment analysis, incorporation of project investment into PDAS to evaluate the project investment comprehensively over the whole planned period will be an ideal approach. This, however, changes the linear programming problem into a mixed integer programming problem with constraints which include a step function. To simplify the algorithm, in light of large scale system decomposition,a model and an algorithm with coordinative running of schedulingand distribution optimization are proposed. The new version of PDAS, named PDAS-D, will have more practical use in decision support analysis for the medium-and long-termproduction spatial distribution and optimal adjustment of industrial structure by means of project investment.

关键词   Process, installation, site, regional pl
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Key words   Process   installation   site   regional planning   project investment   structure transformation

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