论文

经济增长要素配置分析

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摘要：

分析了多种生产函数模型,通过比较得到二级嵌套型CES生产函数最为适合中国的经济发展,研究了投入要素在经济增长中的作用,重点讨论了能源投入及能源强度的变化对经济增长的影响。据此对中国不同经济增长及能源强度的多情景目标分别给出了合理的要素配置方案,从优化产业结构的角度确定出最优经济增长及要素配置。

关键词： 生产函数 能源强度 多情景目标 要素配置

Empirical research on factor allocation in economic growth

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Abstract:

Several kinds of production functions were analyzed and a two-level CES model was identified by comparison to be the most appropriate for the economic development of China . Then the economic effect of input elements, especially energy intensity, was studied. Based on the above discussion, a reasonable factor allocation was given to scenario objectives including different economic growths and different energy intensities. From the perspective of optimizing industrial structure, some helpful suggestions were obtained concerning the optimum rate of economic growth and factor allocation under a certain target of energy intensity.

Keywords:

production function   energy intensity   scenario objectives   factor allocation

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